

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128953.D
 Acq On : 23 Jun 2022 14:29
 Operator : CG\JU
 Sample : PB145651BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145651BS

Quant Time: Jun 24 04:28:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	116290	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	454870	20.000	ng	# 0.01
39) Acenaphthene-d10	9.775	164	185713	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	348207	20.000	ng	0.01
76) Chrysene-d12	13.916	240	255129	20.000	ng	# 0.02
86) Perylene-d12	15.351	264	174138	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	789445	108.131	ng	0.02
7) Phenol-d6	6.398	99	978910	109.843	ng	0.01
23) Nitrobenzene-d5	7.310	82	723640	74.069	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	237452	108.213	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1337057	100.852	ng	0.00
79) Terphenyl-d14	12.857	244	1222812	83.283	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	82964	30.610	ng	# 90
3) Pyridine	3.234	79	234857	32.619	ng	# 88
4) n-Nitrosodimethylamine	3.193	42	192846	38.623	ng	# 77
6) Aniline	6.398	93	346653	36.067	ng	# 60
8) 2-Chlorophenol	6.528	128	317060	42.442	ng	95
9) Benzaldehyde	6.287	77	100732	18.553	ng	95
10) Phenol	6.410	94	395293	41.961	ng	76
11) bis(2-Chloroethyl)ether	6.475	93	304781	44.152	ng	98
12) 1,3-Dichlorobenzene	6.675	146	353071	40.882	ng	97
13) 1,4-Dichlorobenzene	6.751	146	360680	41.351	ng	98
14) 1,2-Dichlorobenzene	6.904	146	339176	41.570	ng	98
15) Benzyl Alcohol	6.892	79	298332	40.010	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.016	45	497863	43.774	ng	# 11
17) 2-Methylphenol	7.169	107	337038	57.084	ng	# 84
18) Hexachloroethane	7.245	117	140807	43.391	ng	98
19) n-Nitroso-di-n-propyla...	7.157	70	247122	44.598	ng	96
20) 3+4-Methylphenols	7.169	107	337038	42.758	ng	# 82
22) Acetophenone	7.151	105	474668	39.898	ng	# 94
24) Nitrobenzene	7.328	77	379977	42.364	ng	97
25) Isophorone	7.569	82	664970	44.815	ng	98
26) 2-Nitrophenol	7.639	139	174143	44.066	ng	# 83
27) 2,4-Dimethylphenol	7.692	122	297205	49.371	ng	94
28) bis(2-Chloroethoxy)met...	7.775	93	389392	41.513	ng	99
29) 2,4-Dichlorophenol	7.892	162	289529	41.555	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	307721	39.225	ng	99
31) Naphthalene	8.039	128	952768	40.814	ng	100
32) Benzoic acid	7.857	122	106036	24.827	ng	94
33) 4-Chloroaniline	8.098	127	274718	31.213	ng	98
34) Hexachlorobutadiene	8.157	225	212288	38.156	ng	98
35) Caprolactam	8.528	113	52199	27.093	ng	94
36) 4-Chloro-3-methylphenol	8.604	107	321813	42.323	ng	97
37) 2-Methylnaphthalene	8.734	142	620094	41.762	ng	99
38) 1-Methylnaphthalene	8.834	142	589978	41.126	ng	98
40) 1,2,4,5-Tetrachloroben...	8.904	216	322969	55.996	ng	99
41) Hexachlorocyclopentadiene	8.886	237	245241	70.737	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	192381	49.324	ng	98

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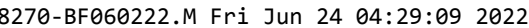
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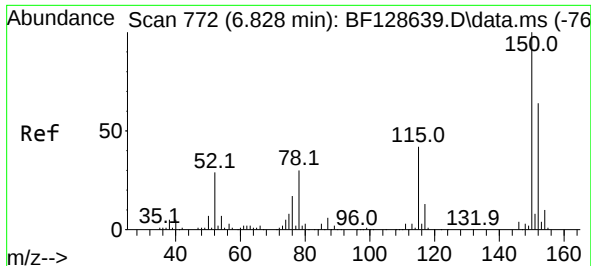
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	205225	50.915	ng	# 94
46) 1,1'-Biphenyl	9.198	154	792157	56.849	ng	98
47) 2-Chloronaphthalene	9.228	162	614591	57.802	ng	99
48) 2-Nitroaniline	9.334	65	228626	62.879	ng	98
49) Acenaphthylene	9.639	152	712243	43.755	ng	99
50) Dimethylphthalate	9.510	163	548447	43.145	ng	100
51) 2,6-Dinitrotoluene	9.575	165	117189	46.709	ng	# 84
52) Acenaphthene	9.810	154	407773	38.468	ng	99
53) 3-Nitroaniline	9.745	138	88584	32.532	ng	96
54) 2,4-Dinitrophenol	9.863	184	97705	69.917	ng	# 91
55) Dibenzofuran	9.986	168	617362	40.524	ng	94
56) 4-Nitrophenol	9.945	139	121284	61.447	ng	# 72
57) 2,4-Dinitrotoluene	9.981	165	159673	47.688	ng	# 67
58) Fluorene	10.328	166	502840	42.561	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	122885	36.910	ng	98
60) Diethylphthalate	10.210	149	546708	42.792	ng	100
61) 4-Chlorophenyl-phenyle...	10.316	204	254808	41.581	ng	# 89
62) 4-Nitroaniline	10.369	138	108312	39.286	ng	# 83
63) Azobenzene	10.480	77	537058	42.700	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	82674	40.232	ng	93
66) n-Nitrosodiphenylamine	10.445	169	462747	43.237	ng	100
67) 4-Bromophenyl-phenylether	10.810	248	165154	42.531	ng	96
68) Hexachlorobenzene	10.875	284	188690	43.754	ng	98
69) Atrazine	10.975	200	160832	46.729	ng	96
70) Pentachlorophenol	11.086	266	163451	75.929	ng	99
71) Phenanthrene	11.292	178	743865	42.591	ng	99
72) Anthracene	11.345	178	754794	43.663	ng	99
73) Carbazole	11.504	167	662813	41.281	ng	100
74) Di-n-butylphthalate	11.827	149	874117	44.714	ng	99
75) Fluoranthene	12.480	202	804142	44.047	ng	97
77) Benzidine	12.604	184	324404	63.785	ng	99
78) Pyrene	12.710	202	817327	43.059	ng	99
80) Butylbenzylphthalate	13.327	149	350814	44.010	ng	97
81) Benzo(a)anthracene	13.904	228	693543	43.611	ng	99
82) 3,3'-Dichlorobenzidine	13.863	252	158979	46.727	ng	100
83) Chrysene	13.939	228	627907	41.414	ng	99
84) Bis(2-ethylhexyl)phtha...	13.886	149	491516	47.430	ng	99
85) Di-n-octyl phthalate	14.504	149	761668	48.800	ng	99
87) Indeno(1,2,3-cd)pyrene	16.774	276	430290	40.996	ng	# 92
88) Benzo(b)fluoranthene	14.939	252	515057	46.288	ng	# 97
89) Benzo(k)fluoranthene	14.968	252	507710	48.504	ng	# 96
90) Benzo(a)pyrene	15.292	252	456287	52.173	ng	# 96
91) Dibenzo(a,h)anthracene	16.780	278	379570	43.599	ng	# 95
92) Benzo(g,h,i)perylene	17.204	276	372634	43.187	ng	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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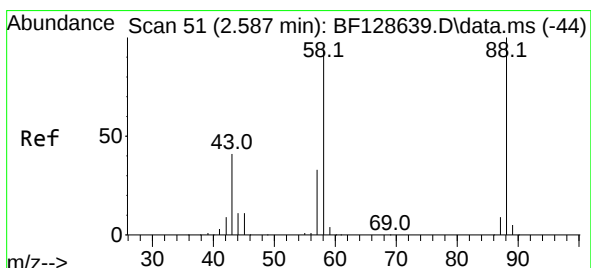
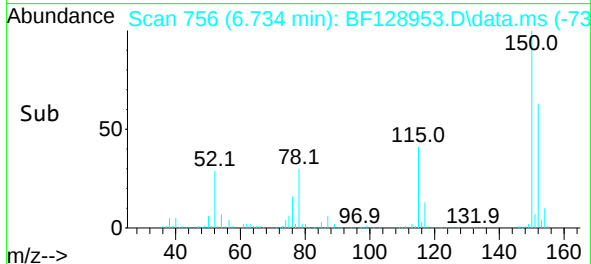
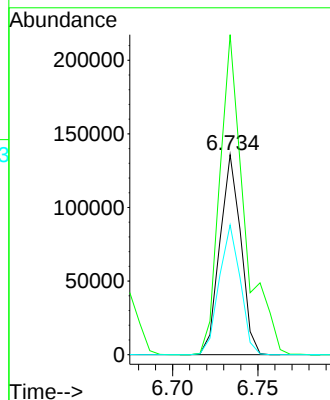
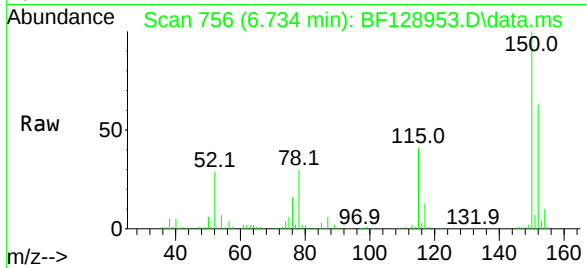




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BF128953.D
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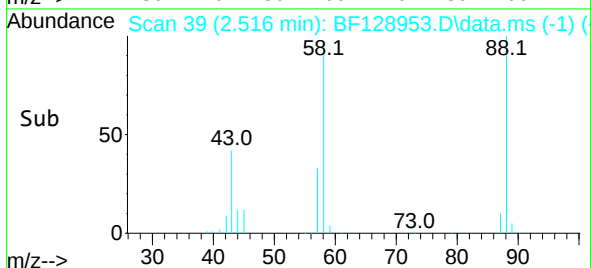
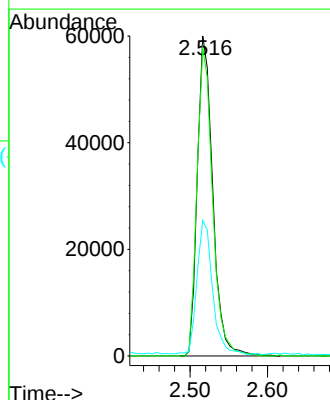
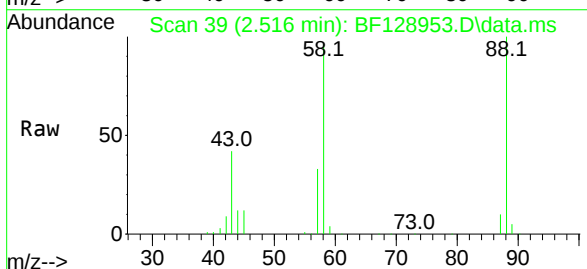
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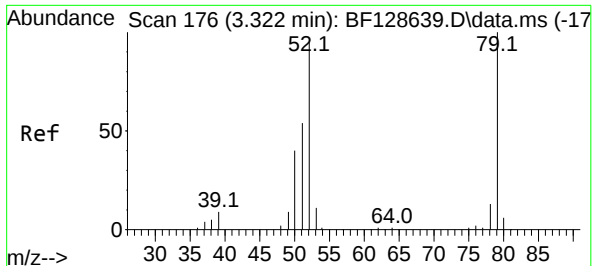
Tgt Ion:152 Resp: 116290
 Ion Ratio Lower Upper
 152 100
 150 160.0 123.7 185.5
 115 64.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 30.610 ng
 RT: 2.516 min Scan# 39
 Delta R.T. 0.112 min
 Lab File: BF128953.D
 Acq: 23 Jun 2022 14:29

Tgt Ion: 88 Resp: 82964
 Ion Ratio Lower Upper
 88 100
 58 97.4 71.8 107.8
 43 42.4 26.6 39.8

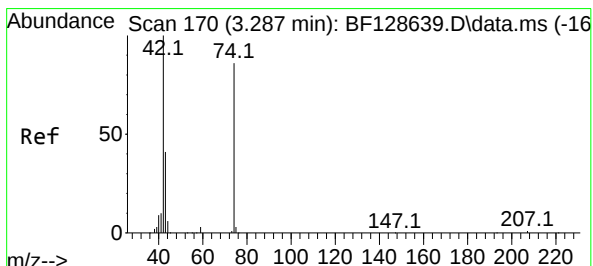
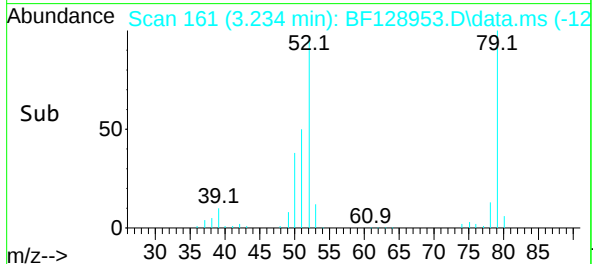
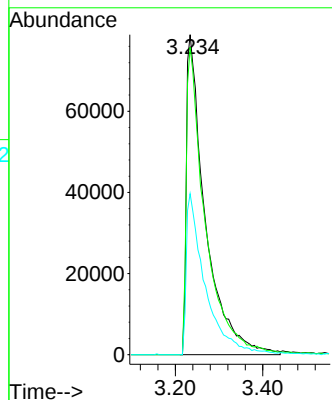
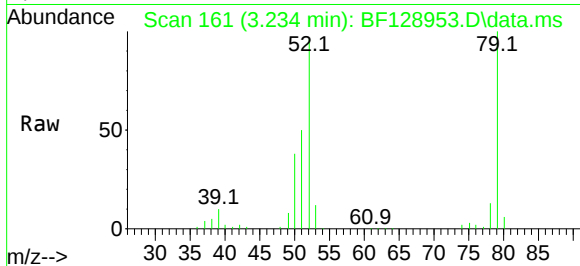




#3
Pyridine
Concen: 32.619 ng
RT: 3.234 min Scan# 1
Delta R.T. 0.123 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

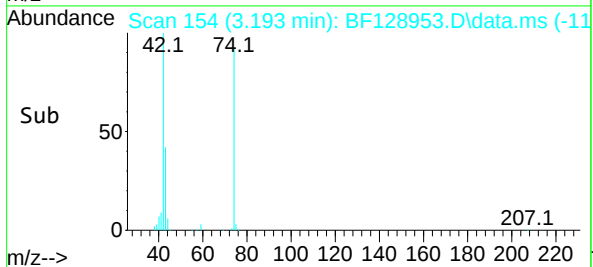
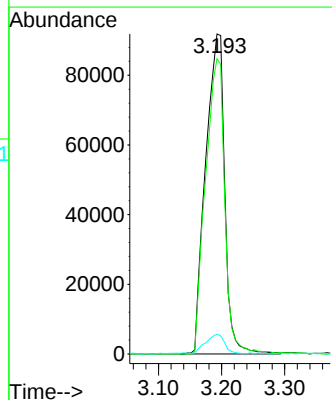
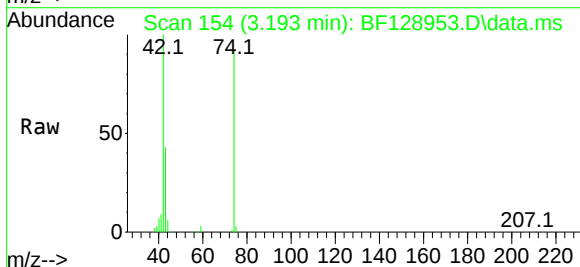
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BNA_F
ClientSampleId :
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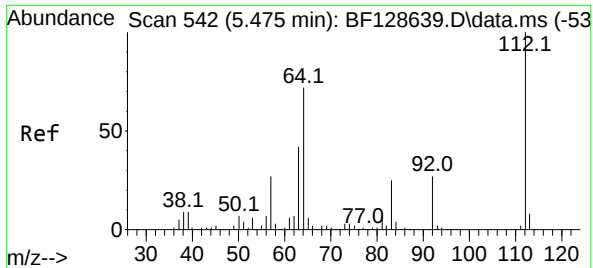
Tgt Ion: 79 Resp: 234857
Ion Ratio Lower Upper
79 100
52 96.0 68.6 102.8
51 50.3 32.9 49.3#



#4
n-Nitrosodimethylamine
Concen: 38.623 ng
RT: 3.193 min Scan# 154
Delta R.T. 0.112 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion: 42 Resp: 192846
Ion Ratio Lower Upper
42 100
74 92.2 94.8 142.2#
44 6.2 6.6 10.0#

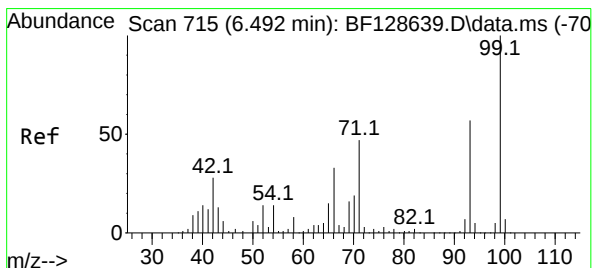
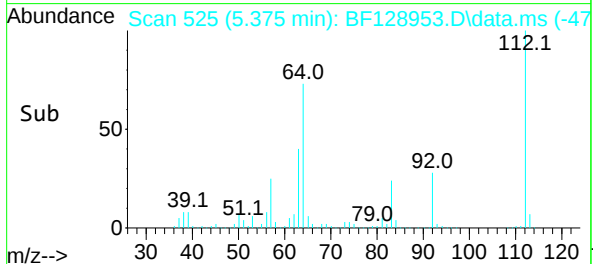
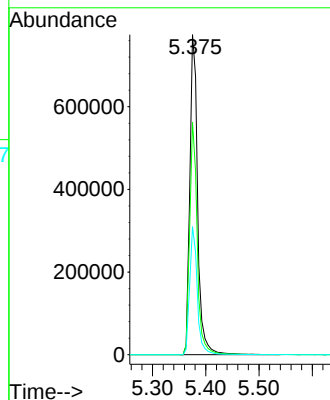
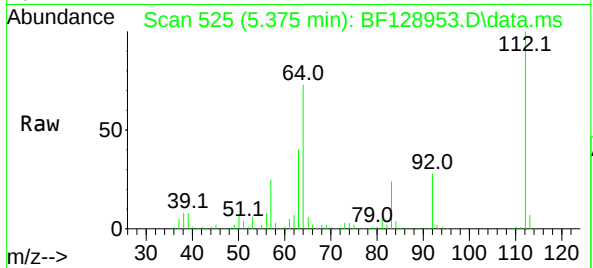




#5
2-Fluorophenol
Concen: 108.131 ng
RT: 5.375 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

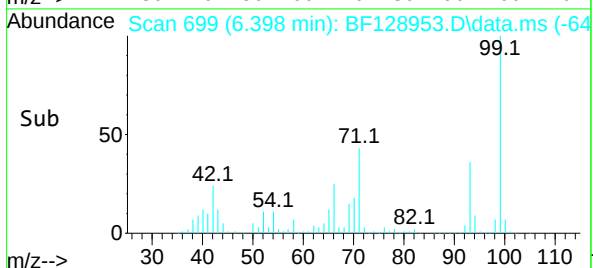
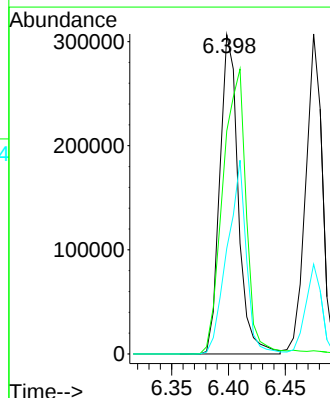
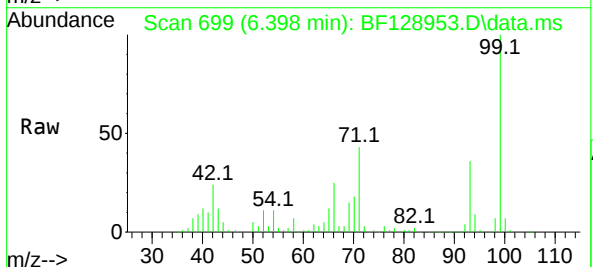
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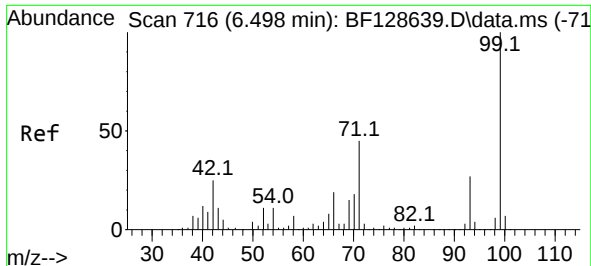
Tgt Ion:112 Resp: 789445
Ion Ratio Lower Upper
112 100
64 72.7 53.3 79.9
63 40.0 28.0 42.0



#6
Aniline
Concen: 36.067 ng
RT: 6.398 min Scan# 699
Delta R.T. -0.000 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion: 93 Resp: 346653
Ion Ratio Lower Upper
93 100
66 69.9 32.5 48.7#
65 33.1 16.4 24.6#

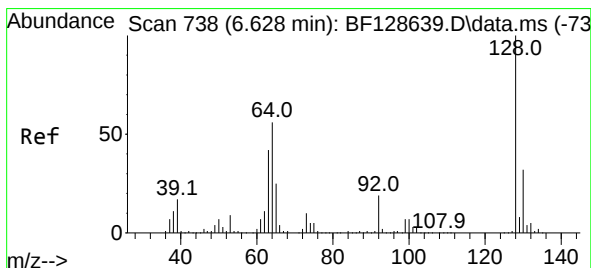
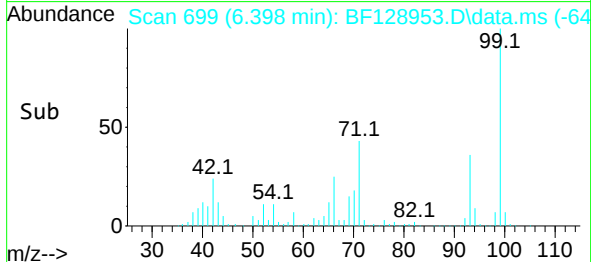
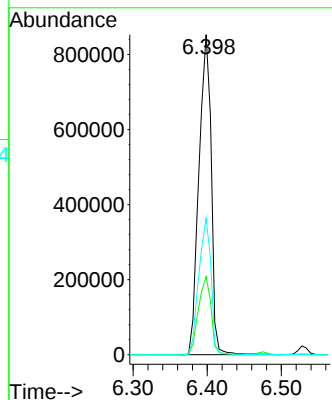
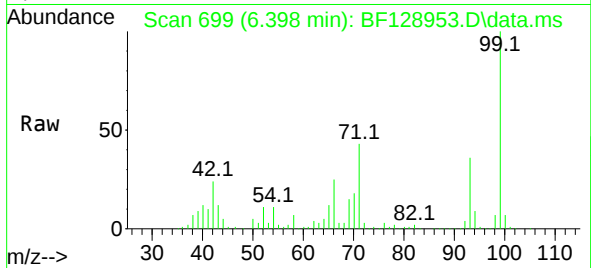




#7
Phenol-d6
Concen: 109.843 ng
RT: 6.398 min Scan# 64
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

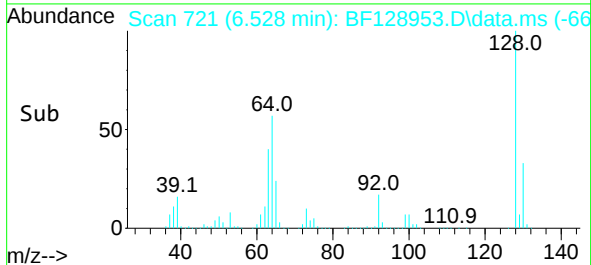
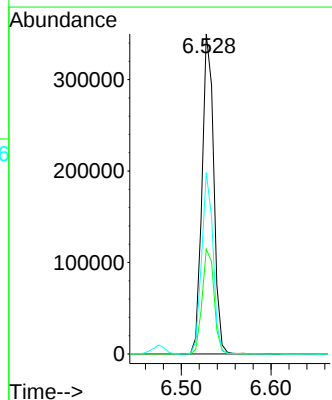
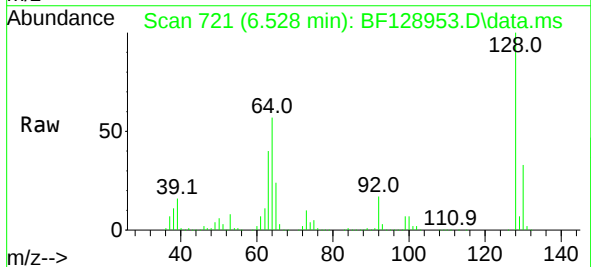
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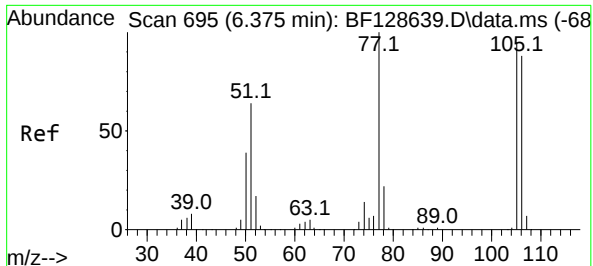
Tgt Ion: 99 Resp: 978910
Ion Ratio Lower Upper
99 100
42 24.4 17.3 25.9
71 42.6 28.9 43.3



#8
2-Chlorophenol
Concen: 42.442 ng
RT: 6.528 min Scan# 721
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion: 128 Resp: 317060
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 56.7 30.9 70.9

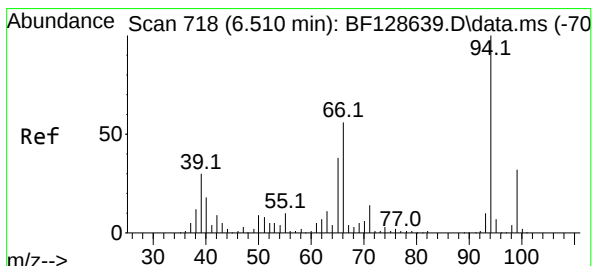
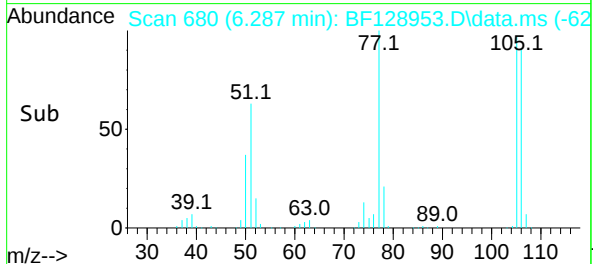
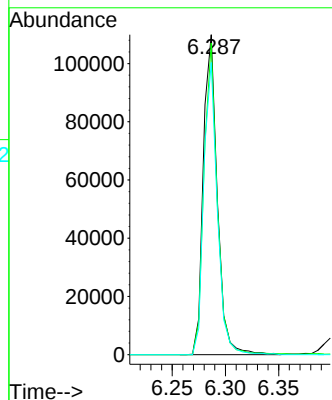
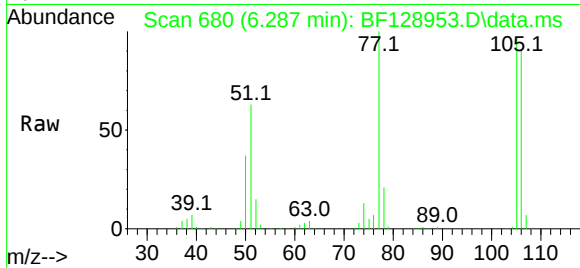




#9
Benzaldehyde
Concen: 18.553 ng
RT: 6.287 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

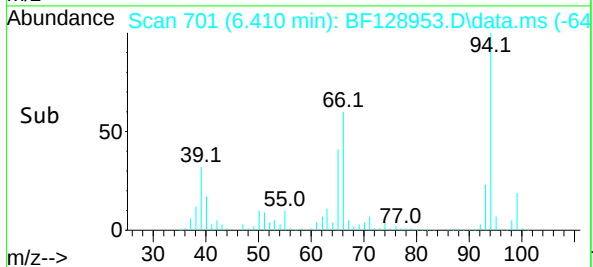
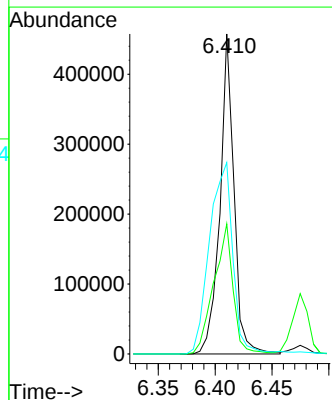
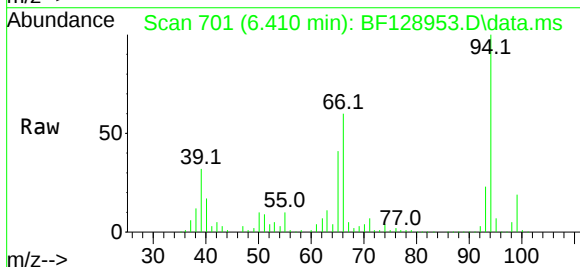
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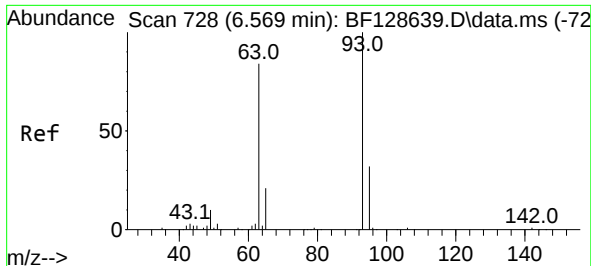
Tgt Ion: 77 Resp: 100732
Ion Ratio Lower Upper
77 100
105 97.4 81.6 121.6
106 91.3 76.1 116.1



#10
Phenol
Concen: 41.961 ng
RT: 6.410 min Scan# 701
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion: 94 Resp: 395293
Ion Ratio Lower Upper
94 100
65 40.7 11.4 51.4
66 59.8 21.4 61.4

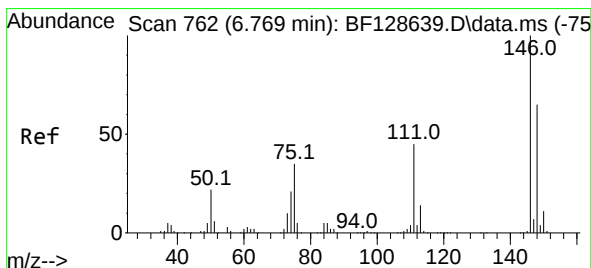
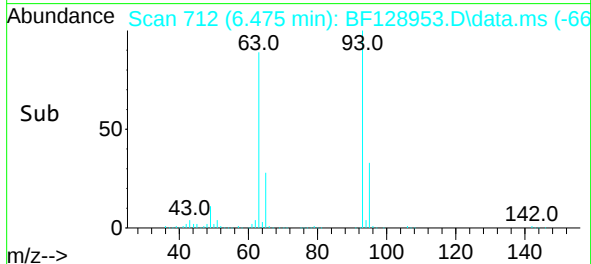
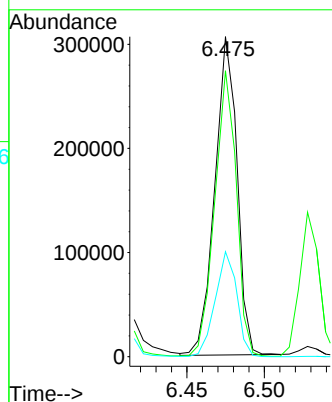
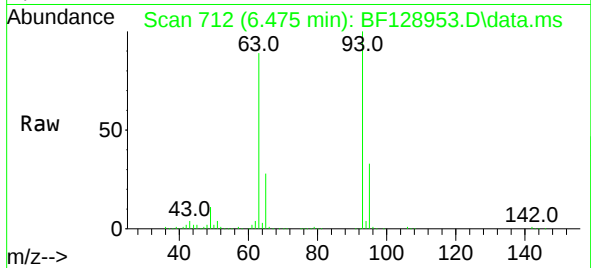




#11
bis(2-Chloroethyl)ether
Concen: 44.152 ng
RT: 6.475 min Scan# 712
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

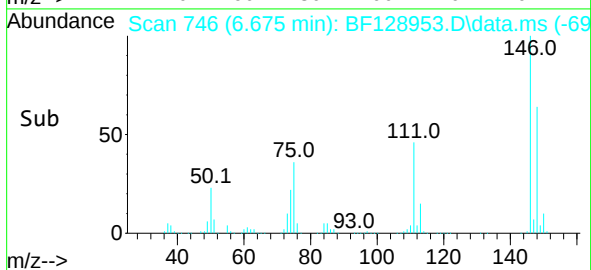
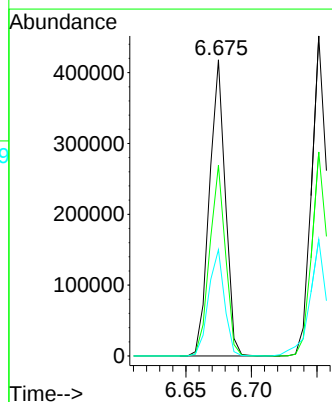
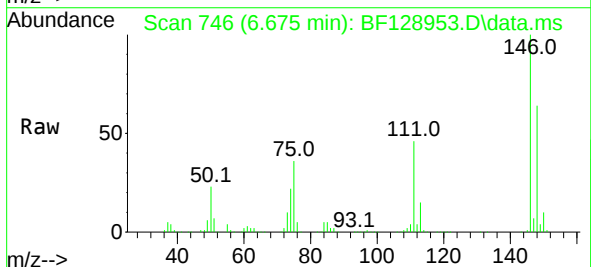
Instrument :
BNA_F
ClientSampleId :
PB145651BS

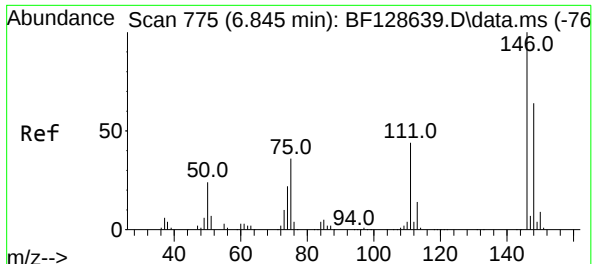
Tgt Ion: 93 Resp: 304781
Ion Ratio Lower Upper
93 100
63 89.4 67.4 107.4
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.882 ng
RT: 6.675 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion: 146 Resp: 353071
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 35.9 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 41.351 ng

RT: 6.751 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB145651BS

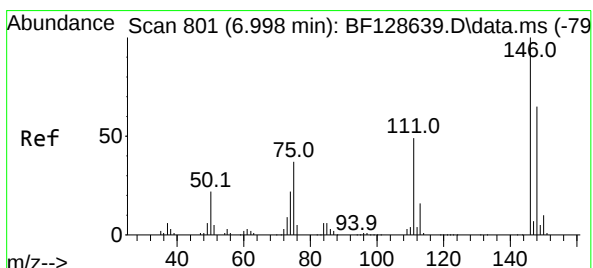
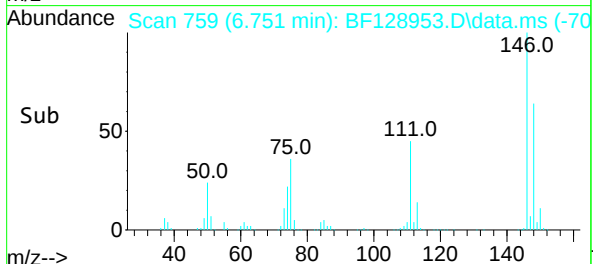
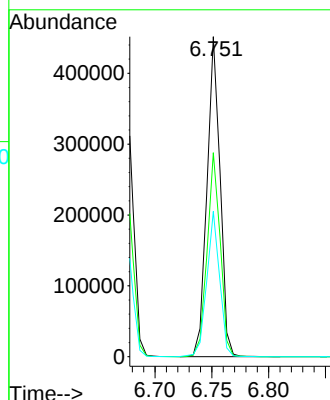
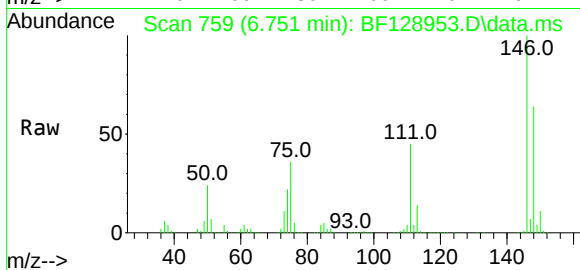
Tgt Ion:146 Resp: 360680

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 45.4 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 41.570 ng

RT: 6.904 min Scan# 785

Delta R.T. 0.006 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

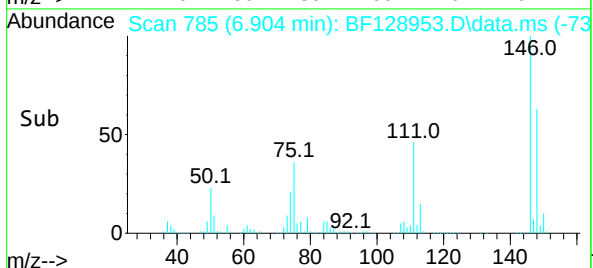
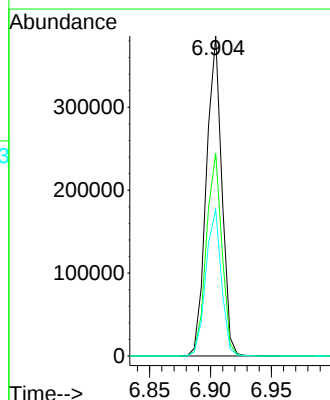
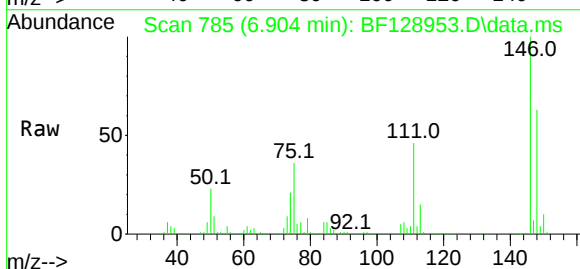
Tgt Ion:146 Resp: 339176

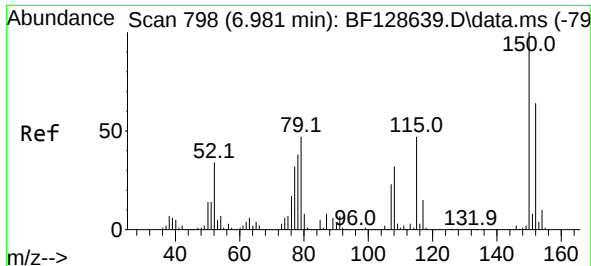
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

111 45.8 35.1 52.7

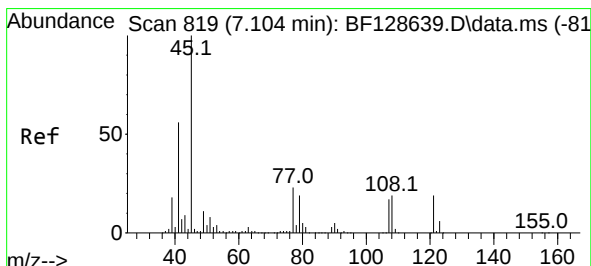
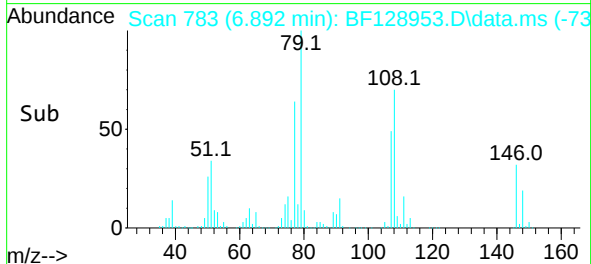
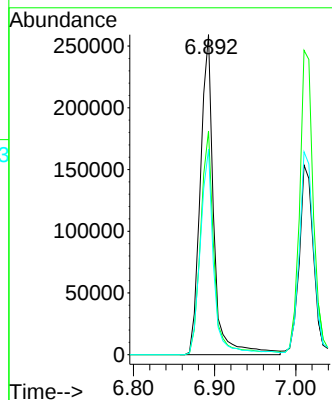
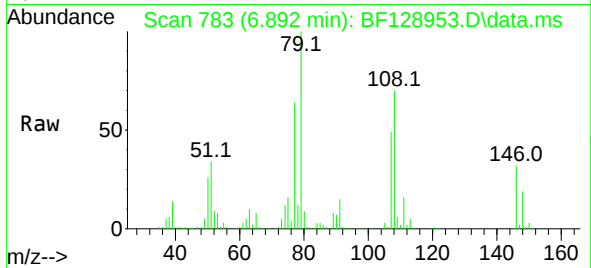




#15
Benzyl Alcohol
Concen: 40.010 ng
RT: 6.892 min Scan# 79
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

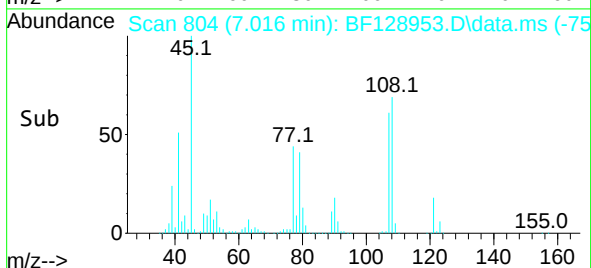
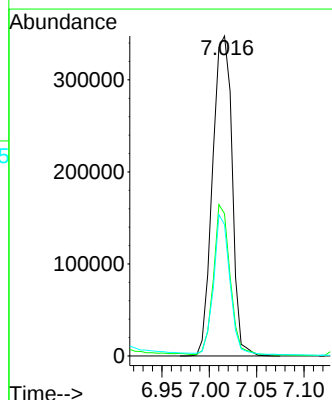
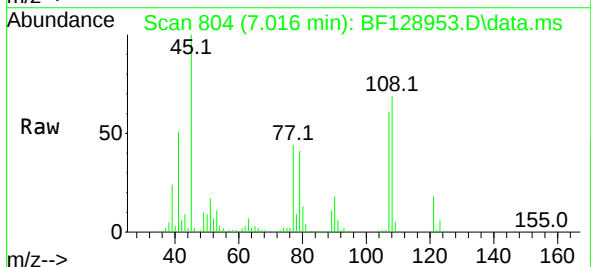
Instrument :
BNA_F
ClientSampleId :
PB145651BS

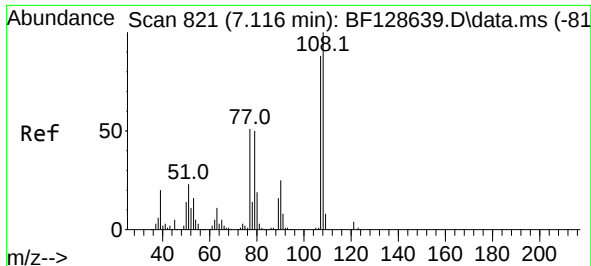
Tgt Ion: 79 Resp: 298332
Ion Ratio Lower Upper
79 100
108 69.9 61.8 92.6
77 64.2 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.774 ng
RT: 7.016 min Scan# 804
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

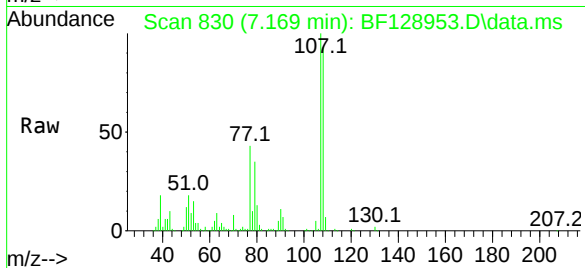
Tgt Ion: 45 Resp: 497863
Ion Ratio Lower Upper
45 100
77 44.4 0.0 31.3#
79 41.1 0.0 28.3#



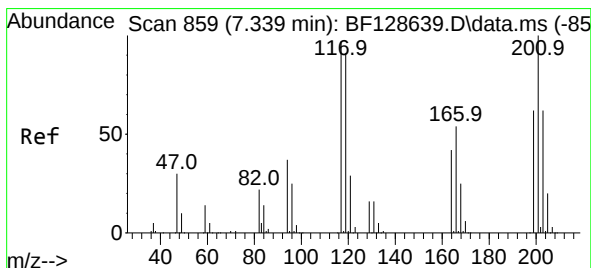
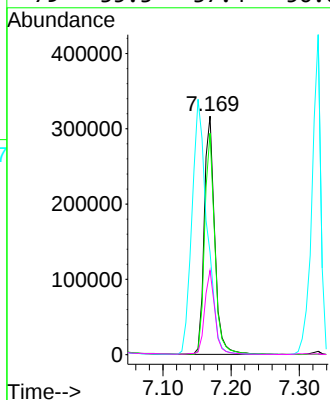
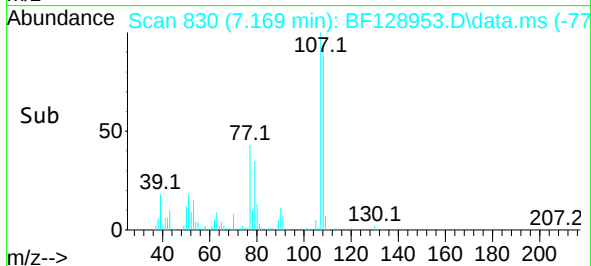


#17
2-Methylphenol
Concen: 57.084 ng
RT: 7.169 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

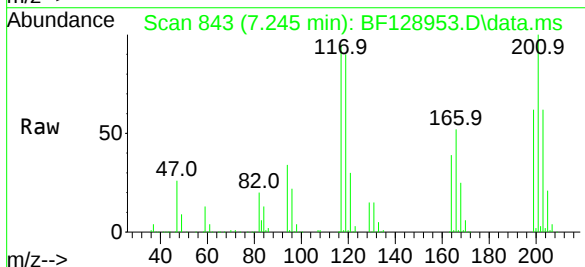
Instrument :
BNA_F
ClientSampleId :
PB145651BS



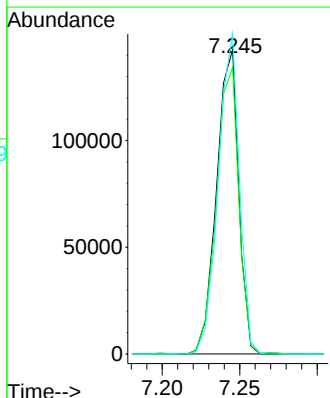
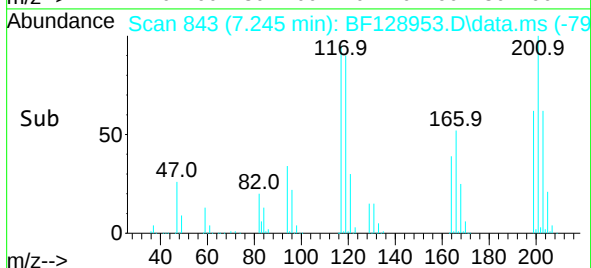
Tgt Ion:107 Resp: 337038
Ion Ratio Lower Upper
107 100
108 92.8 91.9 137.9
77 42.9 37.8 56.8
79 35.3 37.4 56.0#

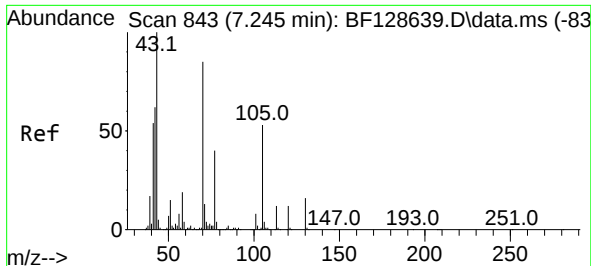


#18
Hexachloroethane
Concen: 43.391 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29



Tgt Ion:117 Resp: 140807
Ion Ratio Lower Upper
117 100
119 94.2 77.4 116.2
201 105.2 84.6 127.0

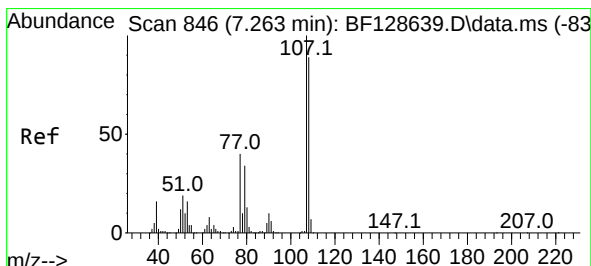
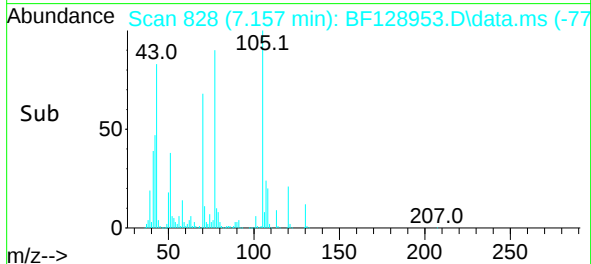
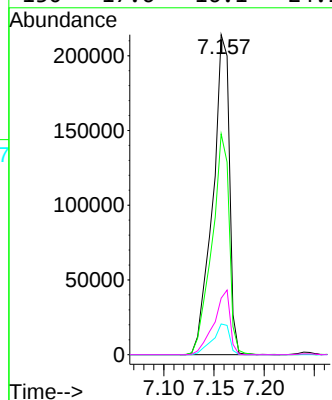
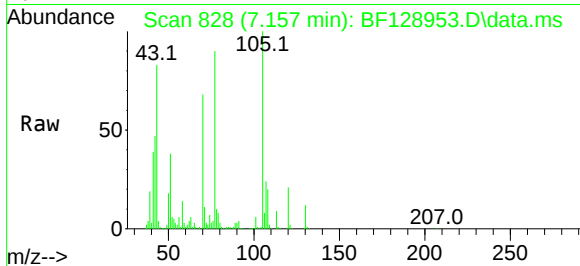




#19
n-Nitroso-di-n-propylamine
Concen: 44.598 ng
RT: 7.157 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

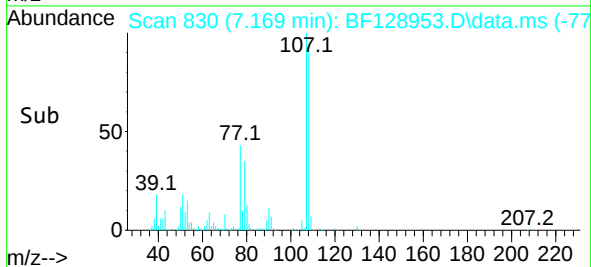
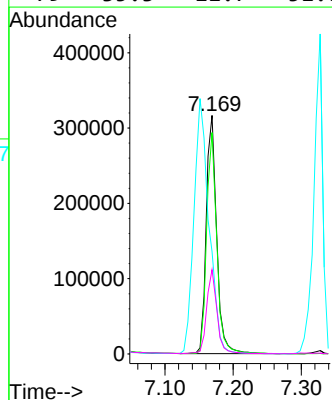
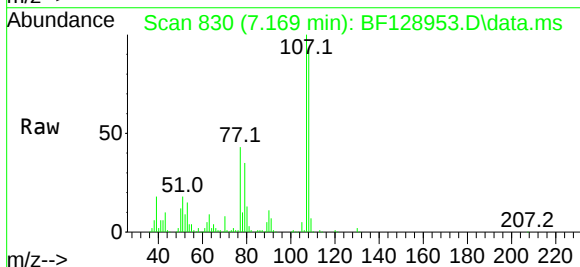
Instrument :
BNA_F
ClientSampleId :
PB145651BS

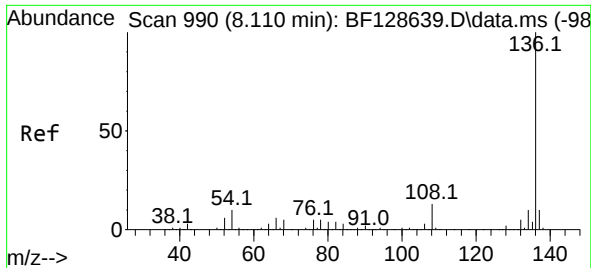
Tgt Ion: 70 Resp: 247122
Ion Ratio Lower Upper
70 100
42 69.0 52.3 78.5
101 9.6 7.5 11.3
130 17.6 16.1 24.1



#20
3+4-Methylphenols
Concen: 42.758 ng
RT: 7.169 min Scan# 830
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion: 107 Resp: 337038
Ion Ratio Lower Upper
107 100
108 92.8 71.8 111.8
77 42.9 59.3 99.3#
79 35.3 11.7 51.7

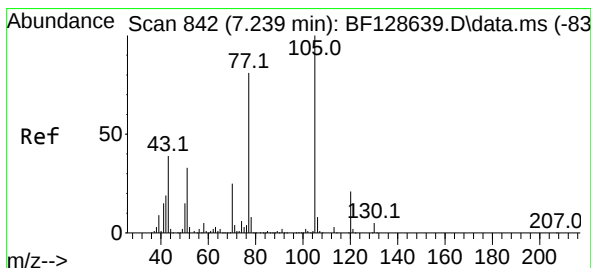
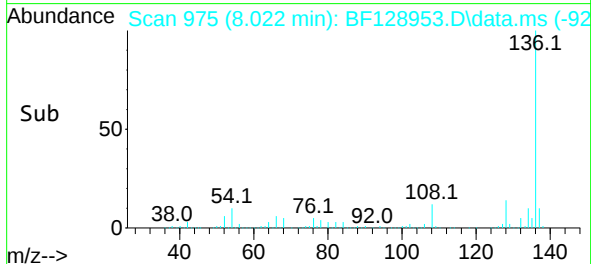
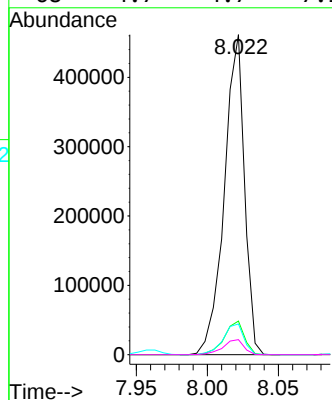
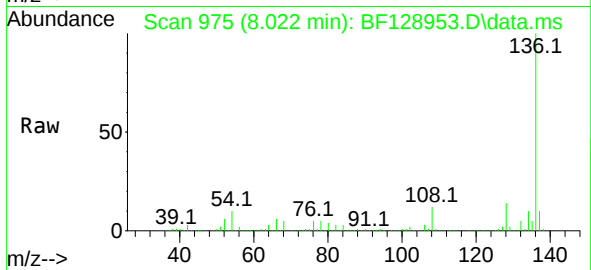




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

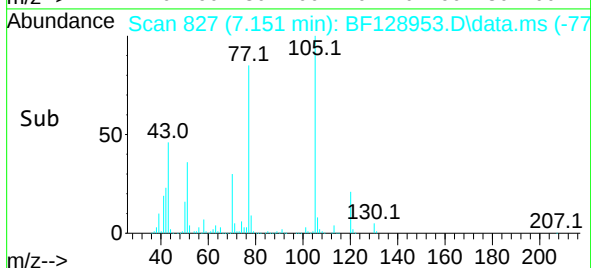
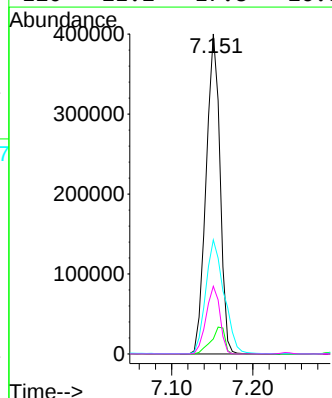
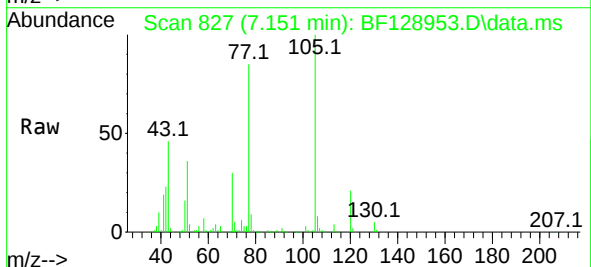
Instrument :
BNA_F
ClientSampleId :
PB145651BS

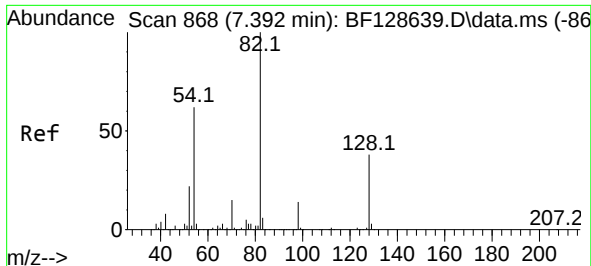
Tgt Ion:136 Resp: 454870
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.6 7.5 11.3
68 4.7 4.7 7.1#



#22
Acetophenone
Concen: 39.898 ng
RT: 7.151 min Scan# 827
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:105 Resp: 474668
Ion Ratio Lower Upper
105 100
71 4.7 5.0 7.4#
51 35.7 25.0 37.4
120 21.2 17.8 26.8

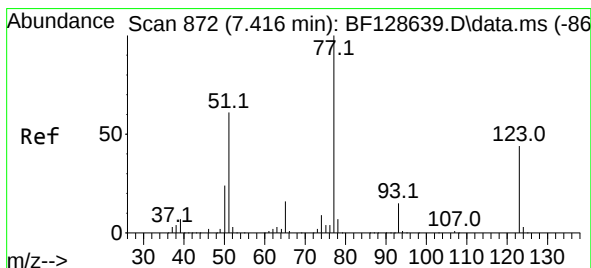
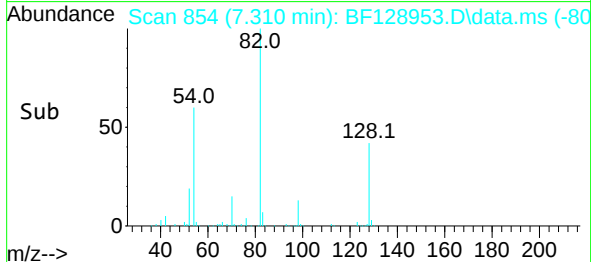
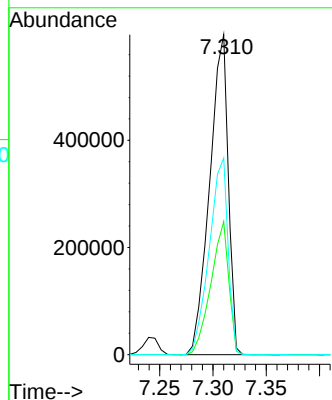
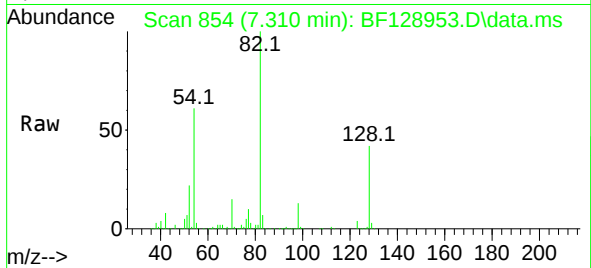




#23
Nitrobenzene-d5
Concen: 74.069 ng
RT: 7.310 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

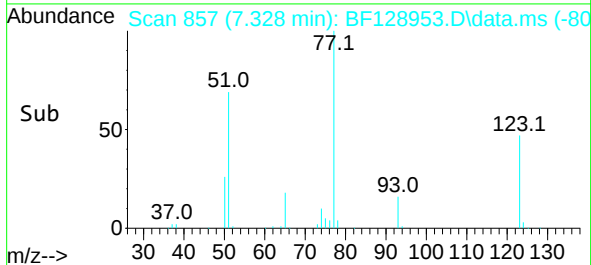
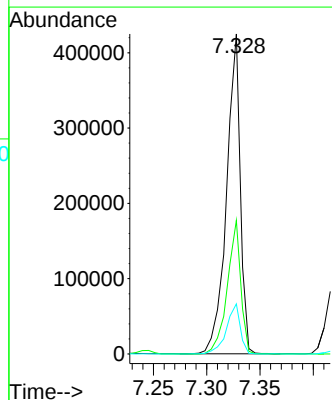
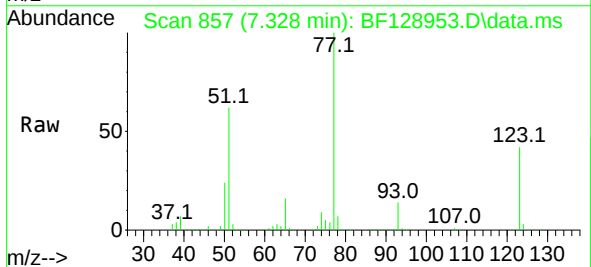
Instrument :
BNA_F
ClientSampleId :
PB145651BS

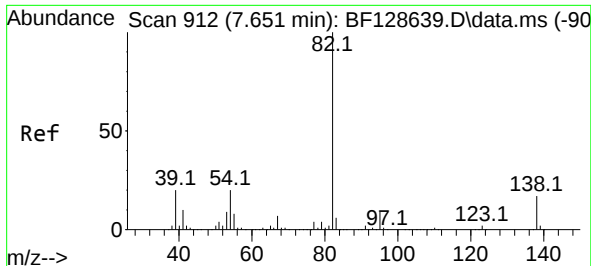
Tgt Ion: 82 Resp: 723640
Ion Ratio Lower Upper
82 100
128 41.6 34.0 51.0
54 61.4 46.9 70.3



#24
Nitrobenzene
Concen: 42.364 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion: 77 Resp: 379977
Ion Ratio Lower Upper
77 100
123 41.7 35.4 53.2
65 15.6 11.8 17.8

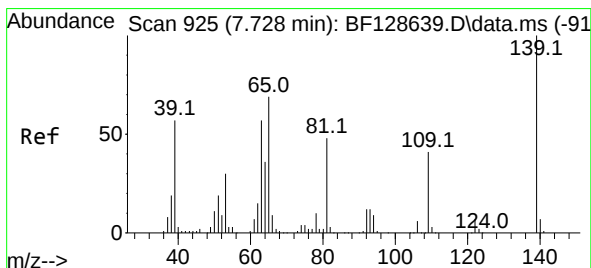
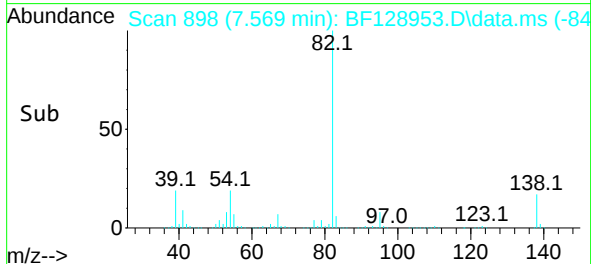
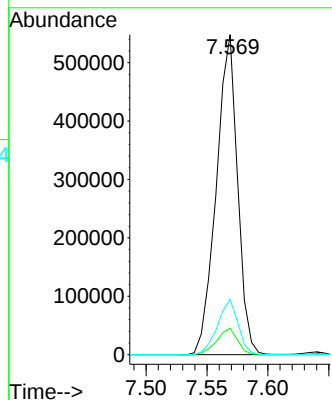
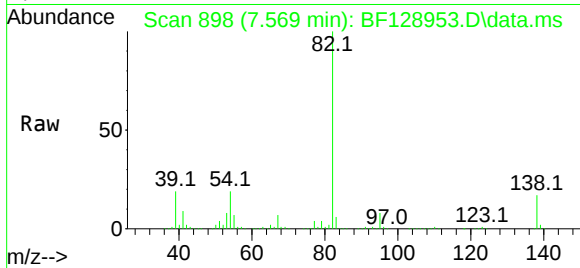




#25
Isophorone
Concen: 44.815 ng
RT: 7.569 min Scan# 898
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

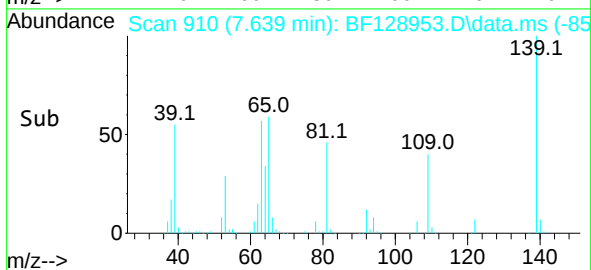
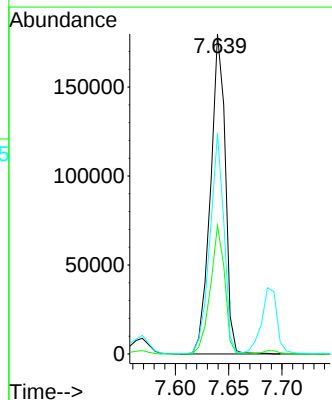
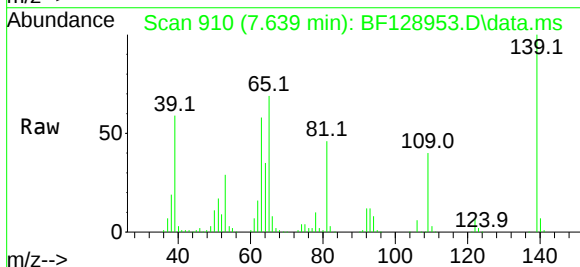
Instrument :
BNA_F
ClientSampleId :
PB145651BS

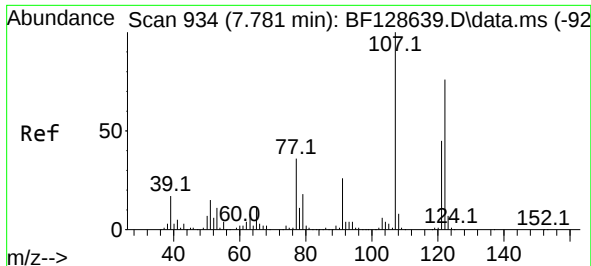
Tgt Ion: 82 Resp: 664970
Ion Ratio Lower Upper
82 100
95 8.3 5.7 8.5
138 17.2 14.2 21.2



#26
2-Nitrophenol
Concen: 44.066 ng
RT: 7.639 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

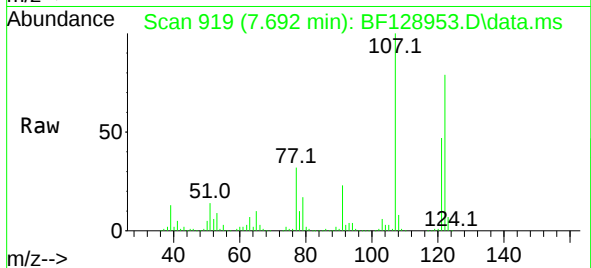
Tgt Ion:139 Resp: 174143
Ion Ratio Lower Upper
139 100
109 40.1 25.0 37.4#
65 68.9 45.1 67.7#



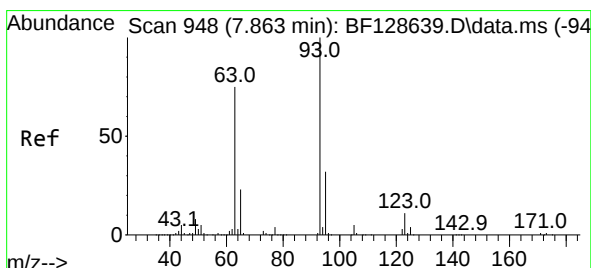
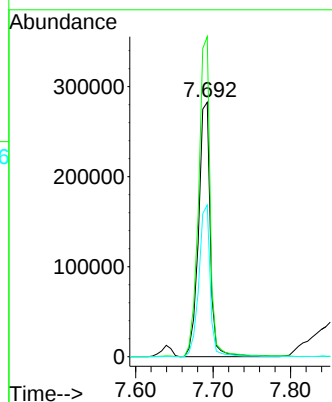
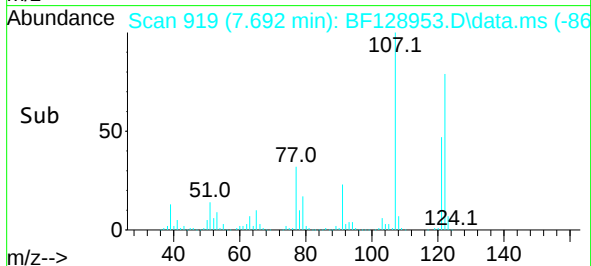


#27
2,4-Dimethylphenol
Concen: 49.371 ng
RT: 7.692 min Scan# 919
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

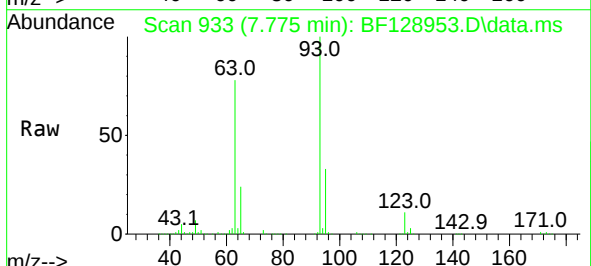
Instrument :
BNA_F
ClientSampleId :
PB145651BS



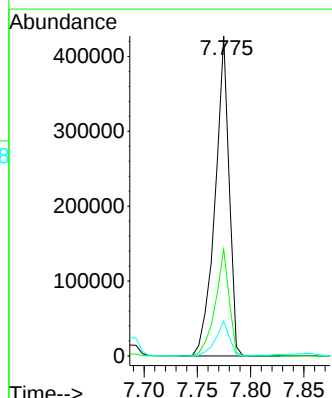
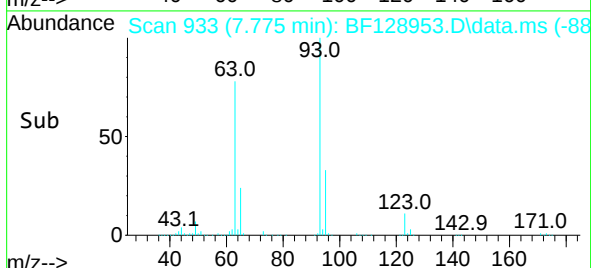
Tgt Ion:122 Resp: 297205
Ion Ratio Lower Upper
122 100
107 125.8 93.0 139.6
121 59.6 46.6 70.0

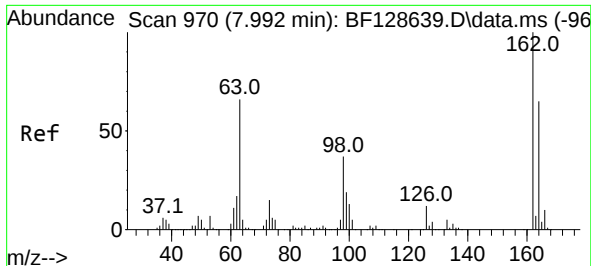


#28
bis(2-Chloroethoxy)methane
Concen: 41.513 ng
RT: 7.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29



Tgt Ion: 93 Resp: 389392
Ion Ratio Lower Upper
93 100
95 33.4 26.8 40.2
123 10.8 9.2 13.8

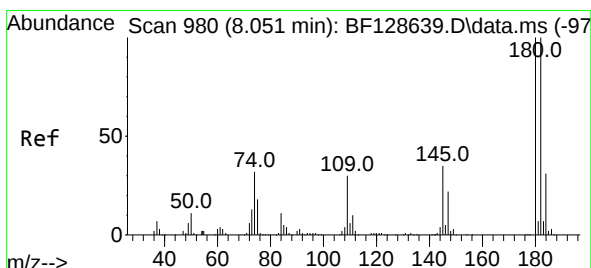
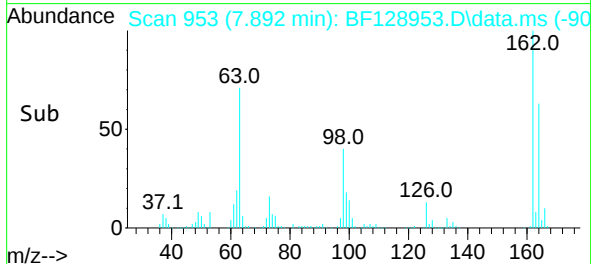
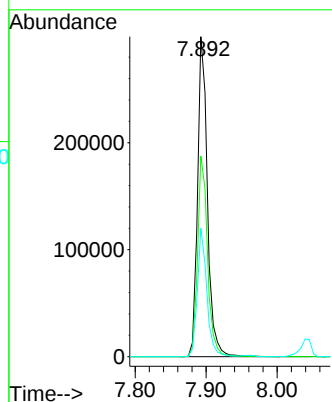
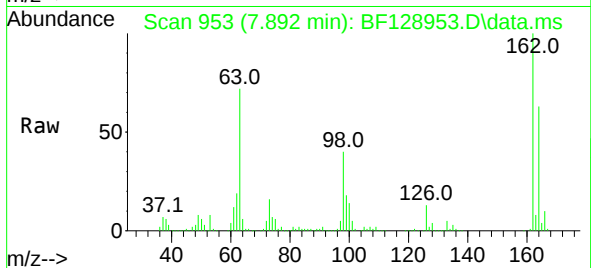




#29
2,4-Dichlorophenol
Concen: 41.555 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

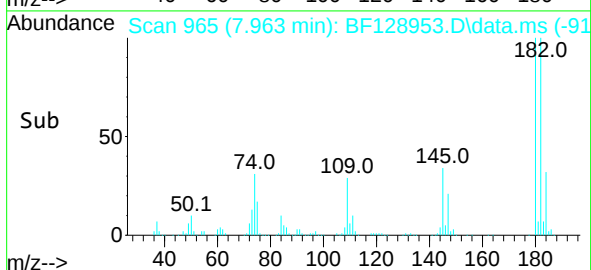
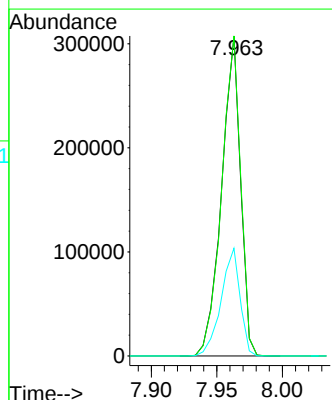
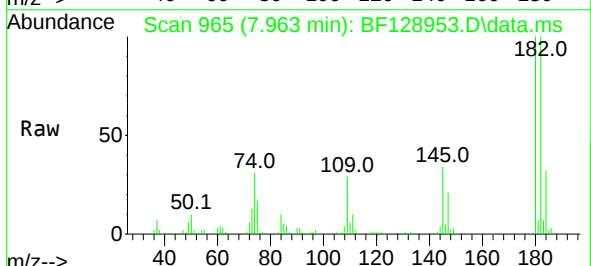
Instrument :
BNA_F
ClientSampleId :
PB145651BS

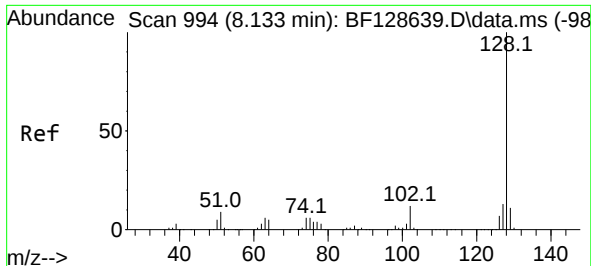
Tgt Ion:162 Resp: 289529
Ion Ratio Lower Upper
162 100
164 62.7 44.2 84.2
98 40.1 19.6 59.6



#30
1,2,4-Trichlorobenzene
Concen: 39.225 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:180 Resp: 307721
Ion Ratio Lower Upper
180 100
182 100.0 79.2 118.8
145 33.6 26.2 39.2

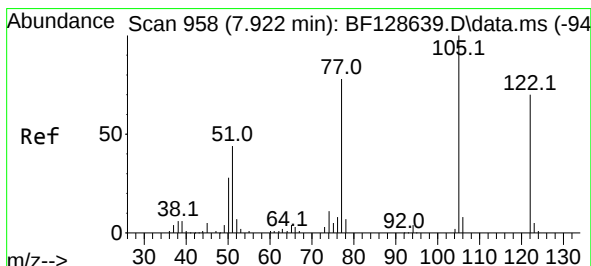
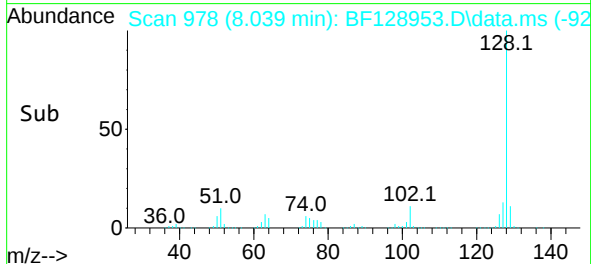
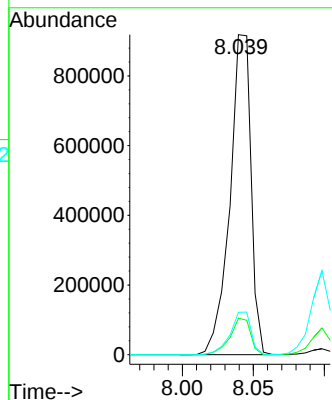
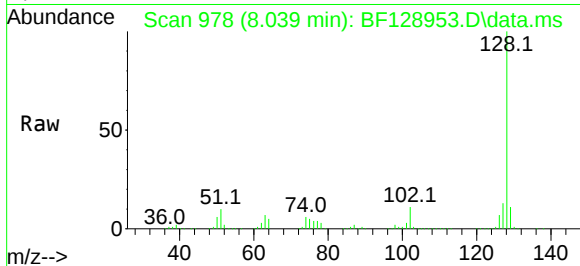




#31
Naphthalene
Concen: 40.814 ng
RT: 8.039 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

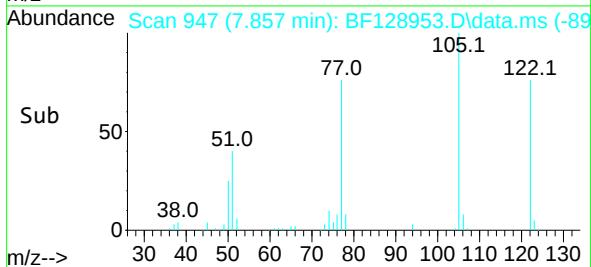
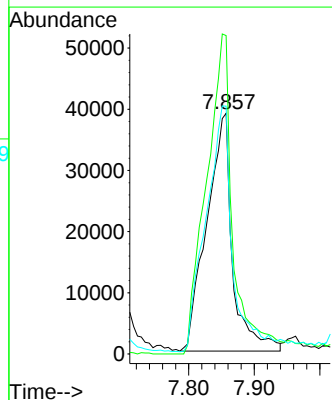
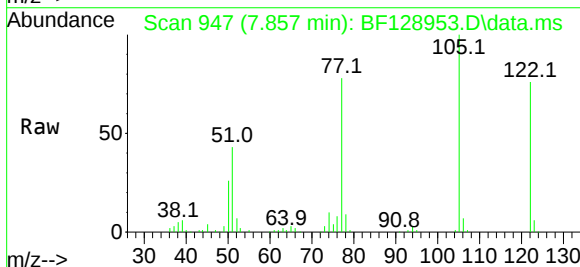
Instrument :
BNA_F
ClientSampleId :
PB145651BS

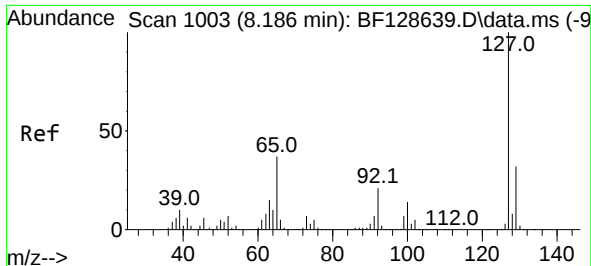
Tgt Ion:128 Resp: 952768
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 24.827 ng
RT: 7.857 min Scan# 947
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:122 Resp: 106036
Ion Ratio Lower Upper
122 100
105 132.3 107.1 147.1
77 103.0 74.2 114.2





#33

4-Chloroaniline

Concen: 31.213 ng

RT: 8.098 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB145651BS

Tgt Ion:127 Resp: 274718

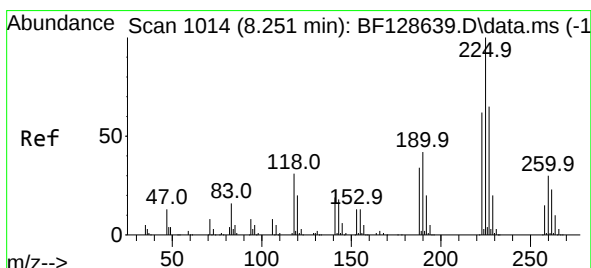
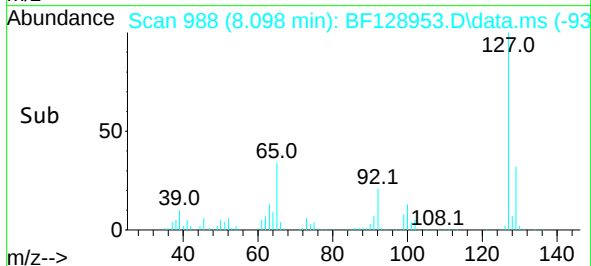
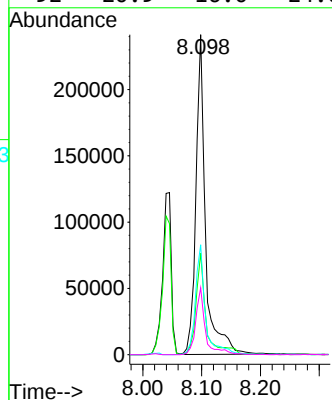
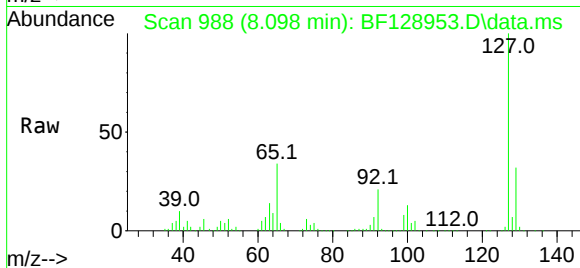
Ion Ratio Lower Upper

127 100

129 31.7 26.4 39.6

65 34.4 26.4 39.6

92 20.9 16.0 24.0



#34

Hexachlorobutadiene

Concen: 38.156 ng

RT: 8.157 min Scan# 998

Delta R.T. 0.012 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

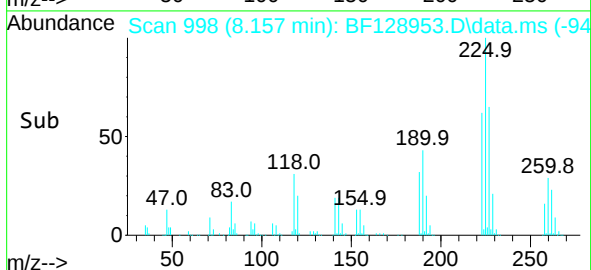
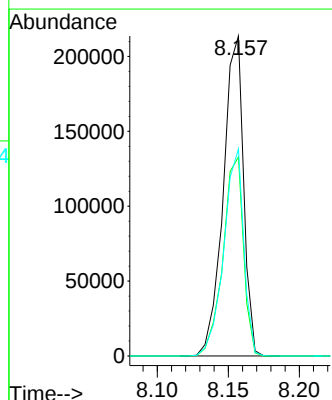
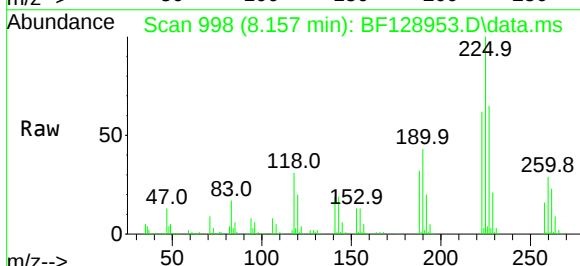
Tgt Ion:225 Resp: 212288

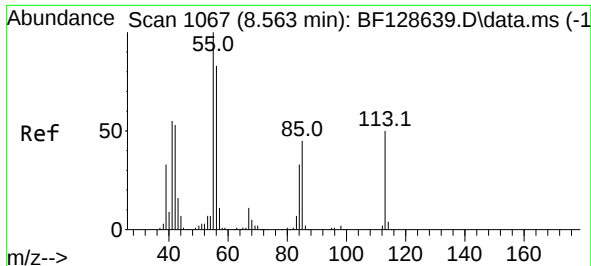
Ion Ratio Lower Upper

225 100

223 62.2 51.0 76.6

227 64.7 51.1 76.7

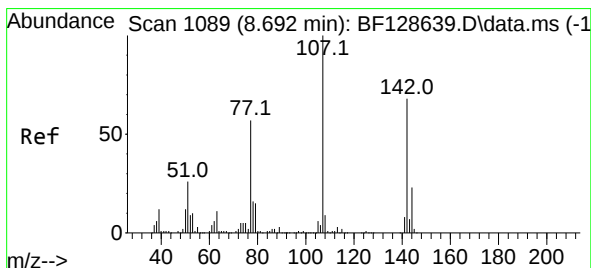
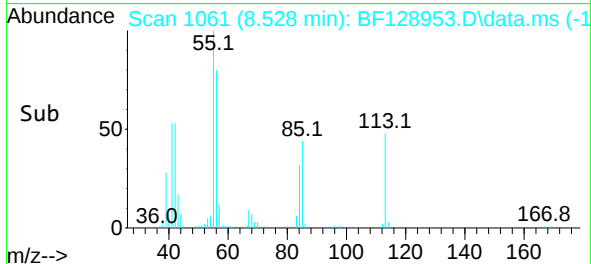
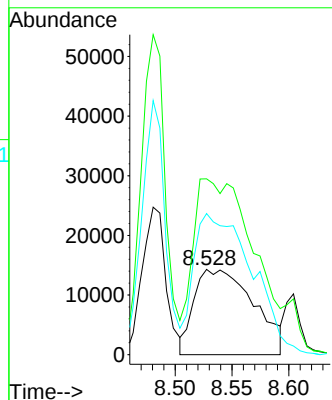
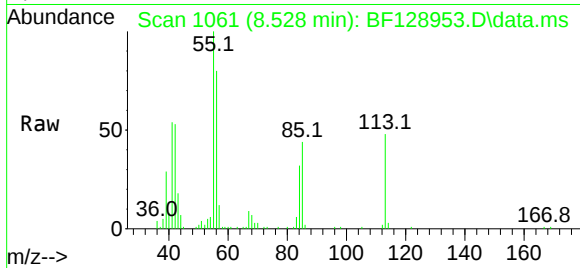




#35
Caprolactam
Concen: 27.093 ng
RT: 8.528 min Scan# 1061
Delta R.T. 0.053 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

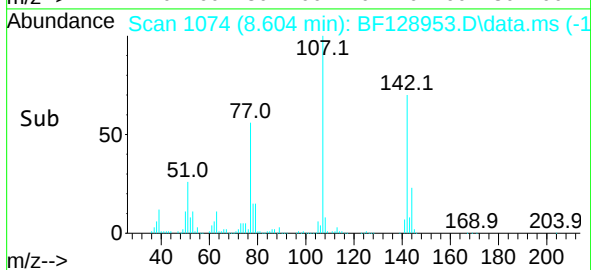
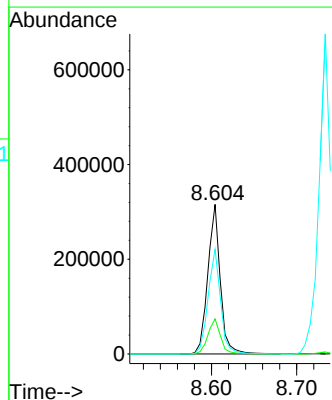
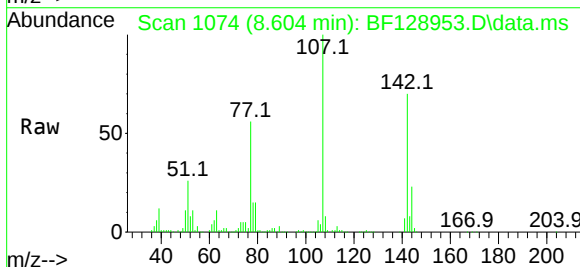
Instrument :
BNA_F
ClientSampleId :
PB145651BS

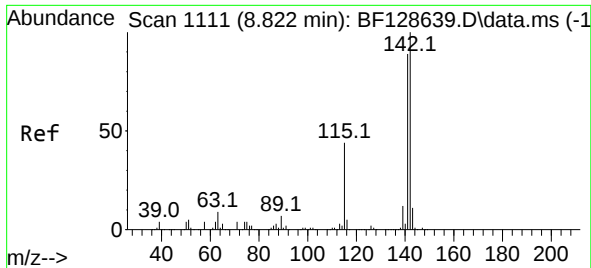
Tgt Ion:113 Resp: 52199
Ion Ratio Lower Upper
113 100
55 206.3 188.5 228.5
56 165.6 130.6 170.6



#36
4-Chloro-3-methylphenol
Concen: 42.323 ng
RT: 8.604 min Scan# 1074
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:107 Resp: 321813
Ion Ratio Lower Upper
107 100
144 23.4 19.5 29.3
142 70.0 58.2 87.4

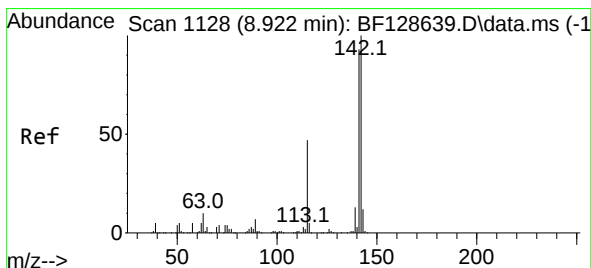
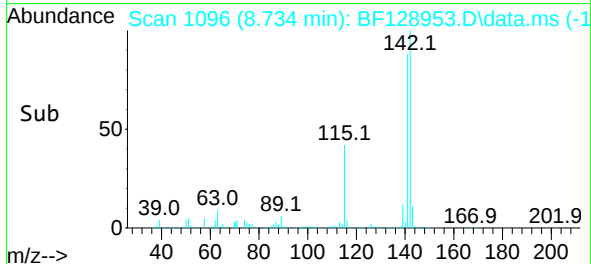
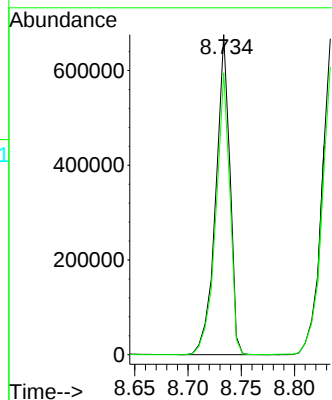
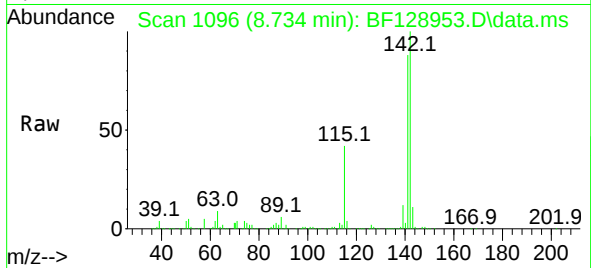




#37
2-Methylnaphthalene
Concen: 41.762 ng
RT: 8.734 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

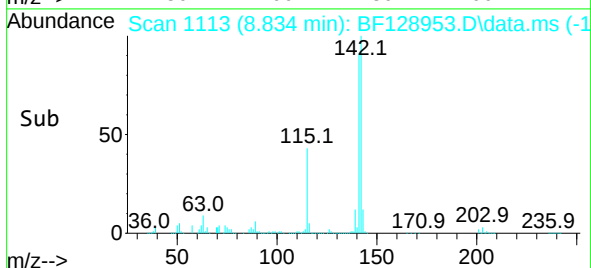
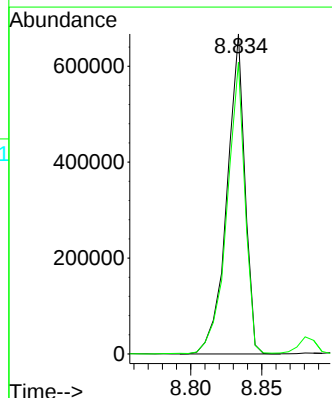
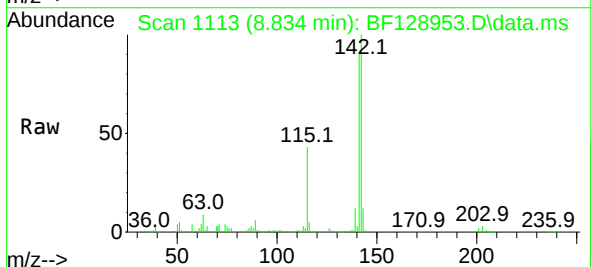
Instrument :
BNA_F
ClientSampleId :
PB145651BS

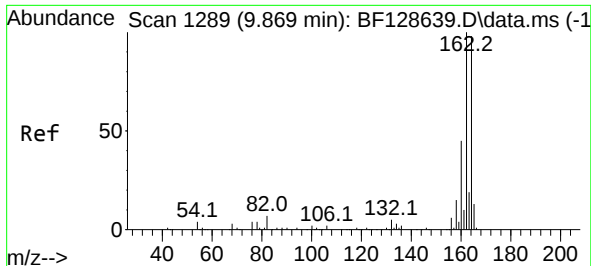
Tgt Ion:142 Resp: 620094
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4



#38
1-Methylnaphthalene
Concen: 41.126 ng
RT: 8.834 min Scan# 1113
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:142 Resp: 589978
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4

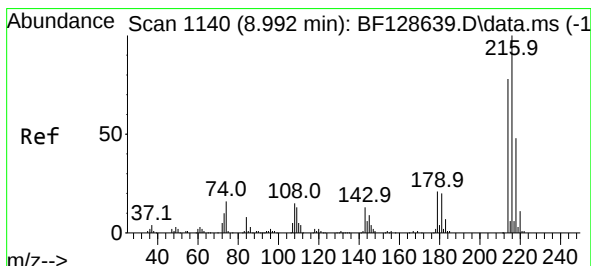
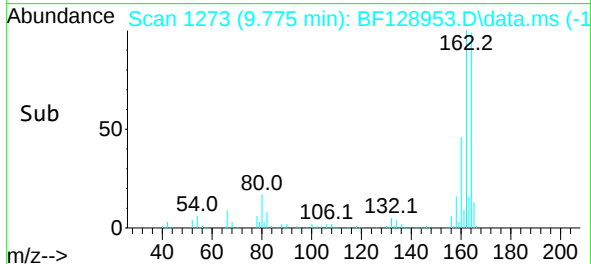
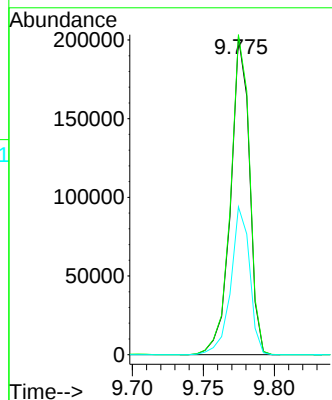
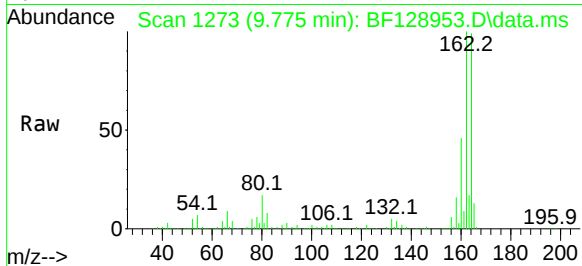




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

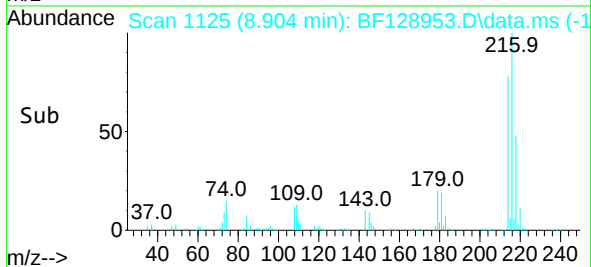
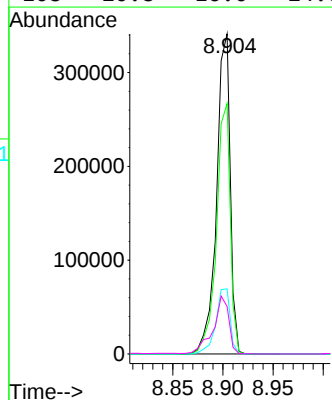
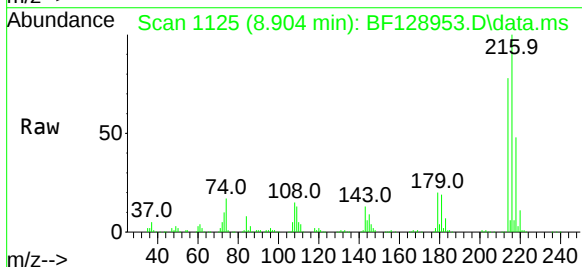
Instrument :
BNA_F
ClientSampleId :
PB145651BS

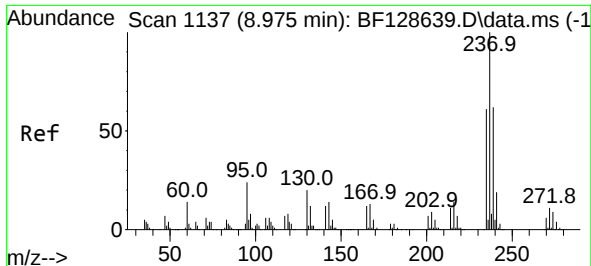
Tgt Ion:164 Resp: 185713
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 46.5 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.996 ng
RT: 8.904 min Scan# 1125
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:216 Resp: 322969
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 21.3 17.0 25.6
108 20.8 16.0 24.0

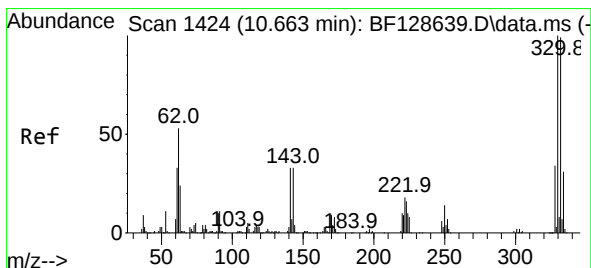
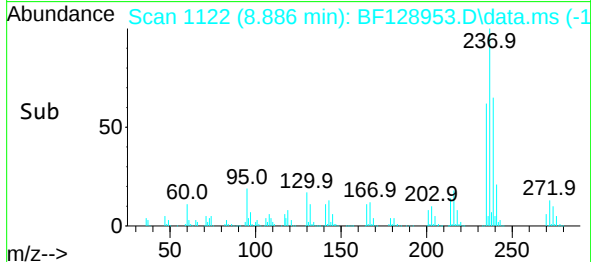
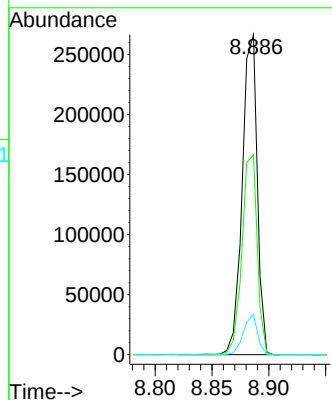
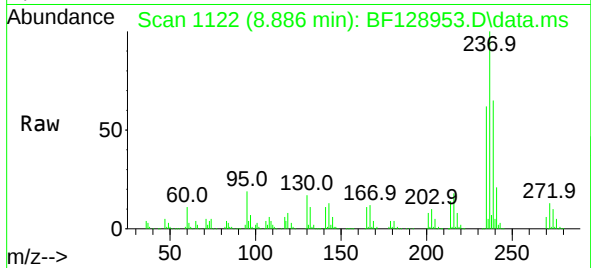




#41
Hexachlorocyclopentadiene
Concen: 70.737 ng
RT: 8.886 min Scan# 1137
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

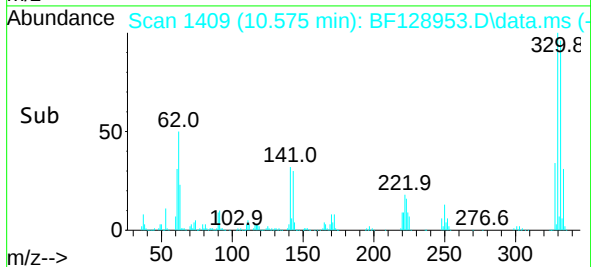
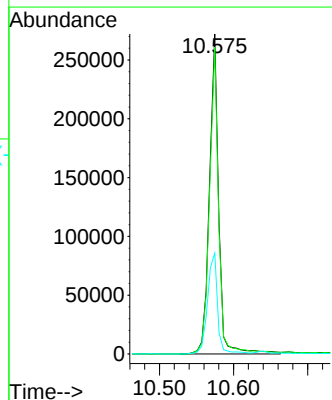
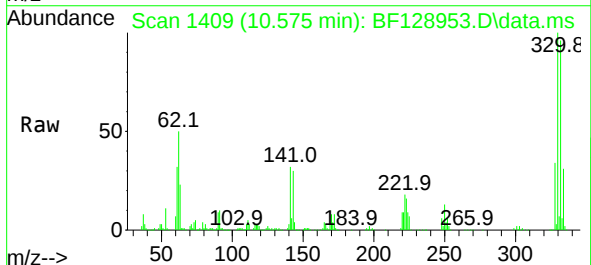
Instrument :
BNA_F
ClientSampleId :
PB145651BS

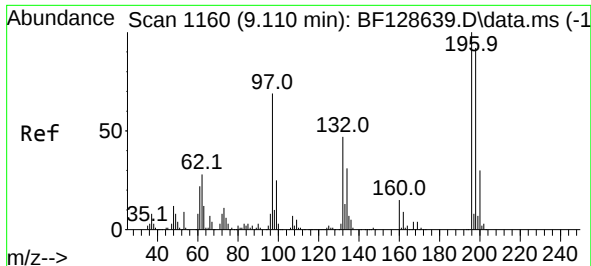
Tgt Ion:237 Resp: 245241
Ion Ratio Lower Upper
237 100
235 62.5 43.2 83.2
272 12.5 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 108.213 ng
RT: 10.575 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:330 Resp: 237452
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 34.3 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 49.324 ng

RT: 9.022 min Scan# 1114

Delta R.T. 0.006 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB145651BS

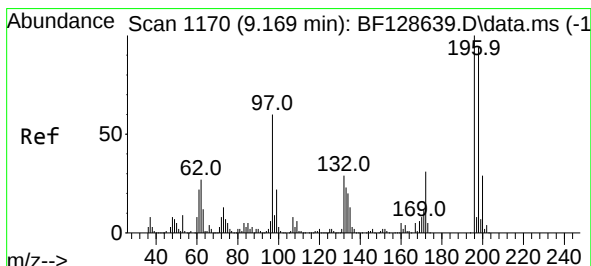
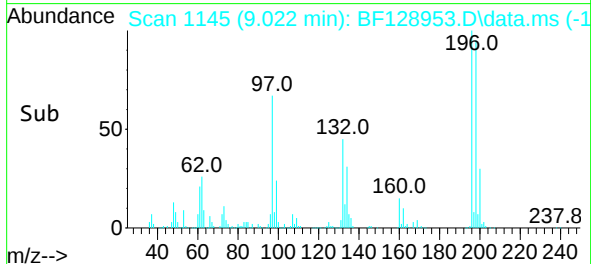
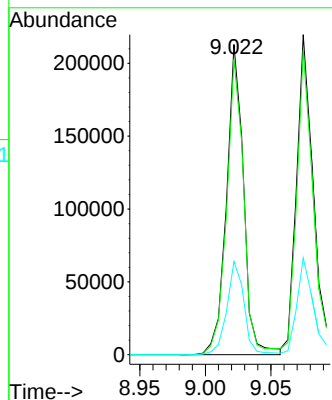
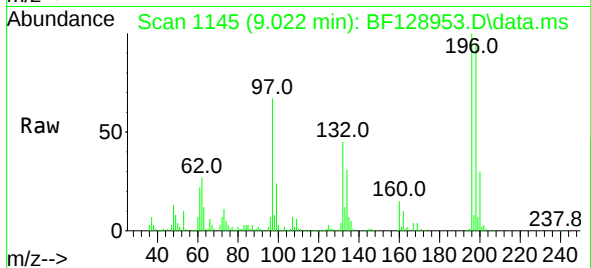
Tgt Ion:196 Resp: 192381

Ion Ratio Lower Upper

196 100

198 95.1 74.0 111.0

200 30.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 50.915 ng

RT: 9.075 min Scan# 1154

Delta R.T. 0.012 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

Tgt Ion:196 Resp: 205225

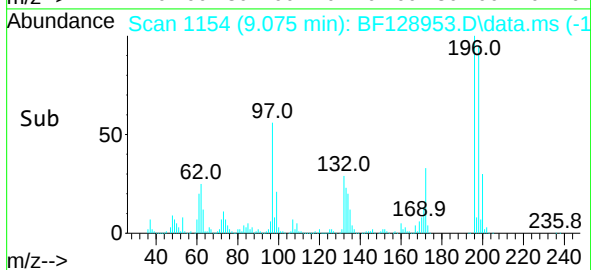
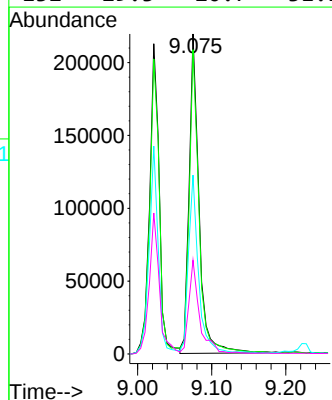
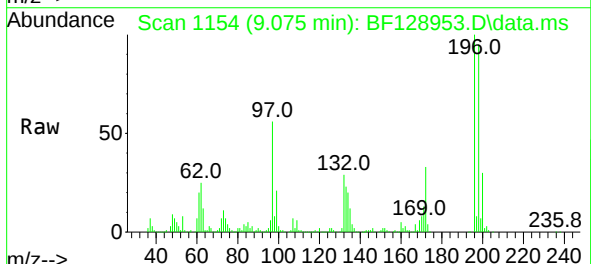
Ion Ratio Lower Upper

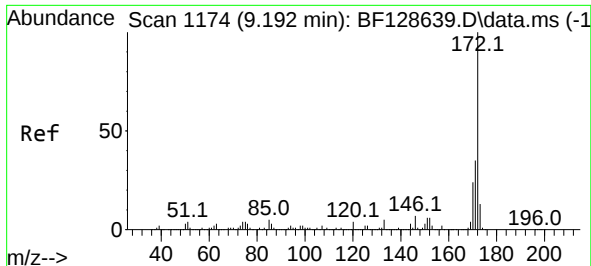
196 100

198 95.1 75.7 113.5

97 55.9 36.4 54.6#

132 29.3 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 100.852 ng

RT: 9.098 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB145651BS

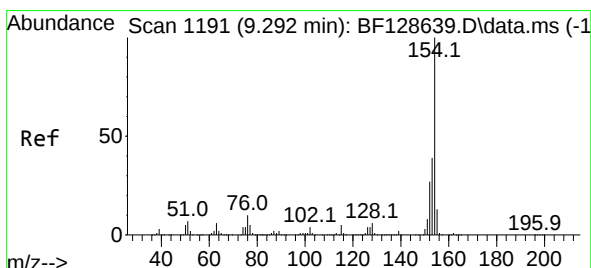
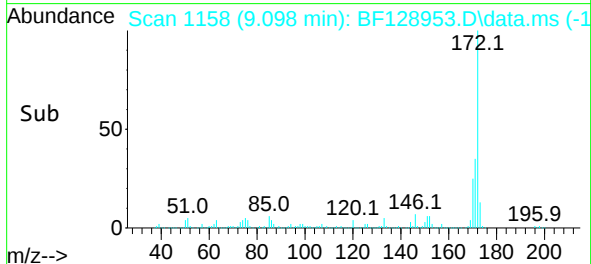
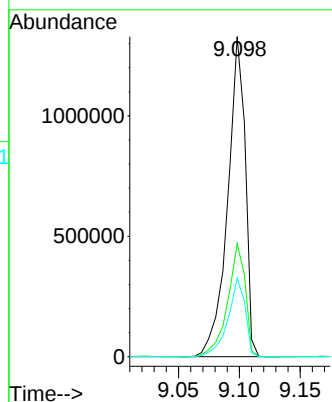
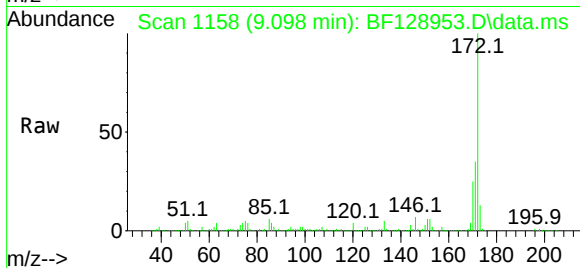
Tgt Ion:172 Resp: 1337057

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.6 19.8 29.8



#46

1,1'-Biphenyl

Concen: 56.849 ng

RT: 9.198 min Scan# 1175

Delta R.T. 0.006 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

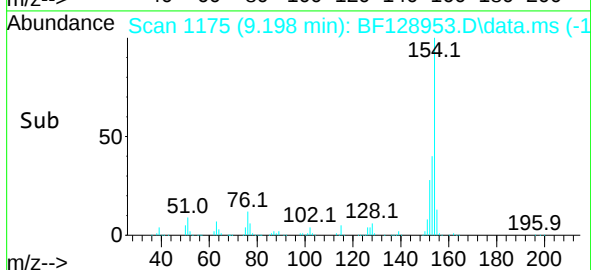
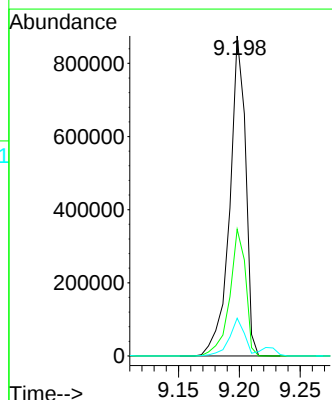
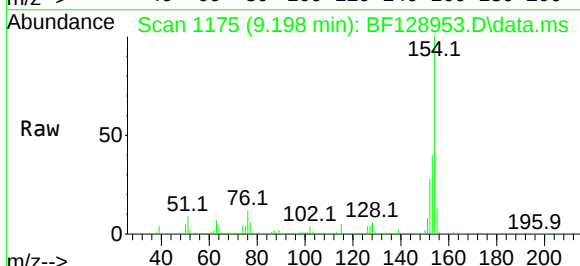
Tgt Ion:154 Resp: 792157

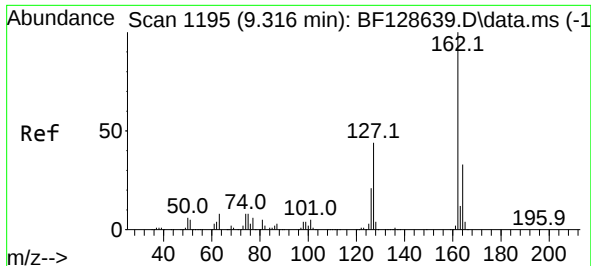
Ion Ratio Lower Upper

154 100

153 39.6 20.6 60.6

76 11.8 0.0 33.3

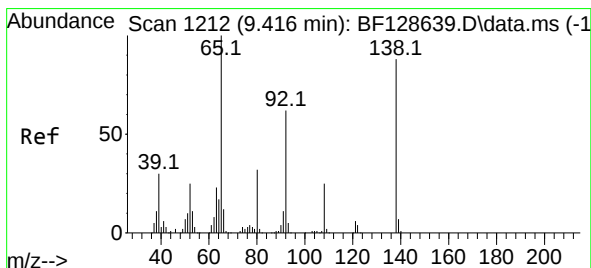
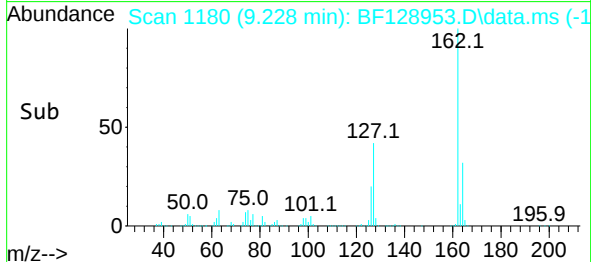
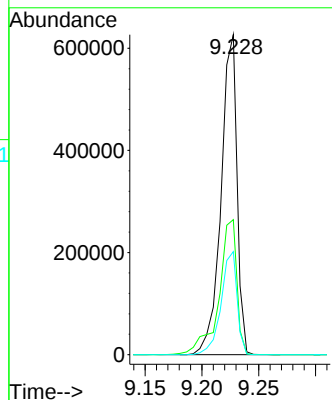
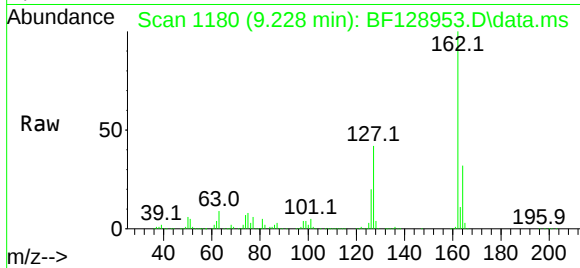




#47
2-Chloronaphthalene
Concen: 57.802 ng
RT: 9.228 min Scan# 1195
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

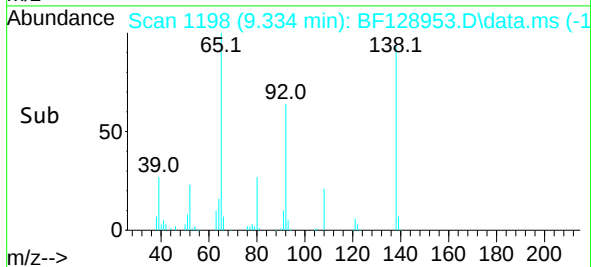
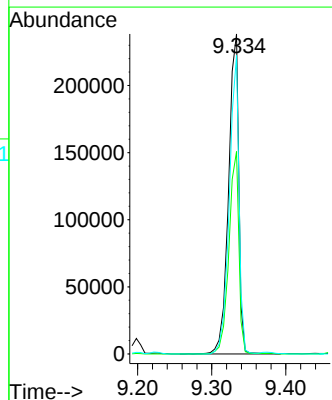
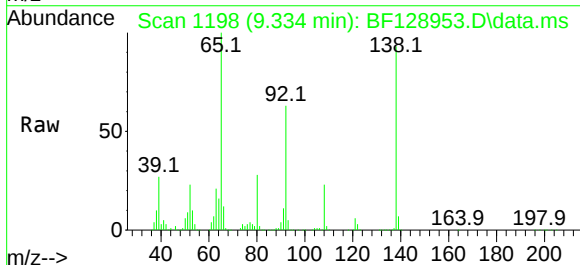
Instrument :
BNA_F
ClientSampleId :
PB145651BS

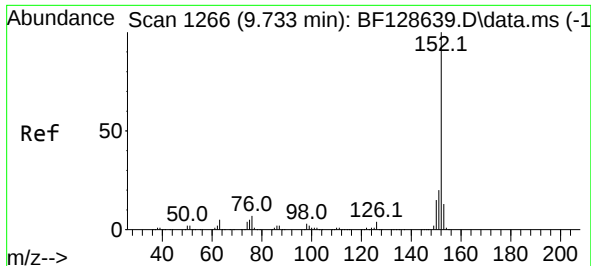
Tgt Ion:162 Resp: 614591
Ion Ratio Lower Upper
162 100
127 42.2 34.5 51.7
164 32.2 26.5 39.7



#48
2-Nitroaniline
Concen: 62.879 ng
RT: 9.334 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion: 65 Resp: 228626
Ion Ratio Lower Upper
65 100
92 63.2 51.9 77.9
138 93.3 76.4 114.6





#49

Acenaphthylene

Concen: 43.755 ng

RT: 9.639 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB145651BS

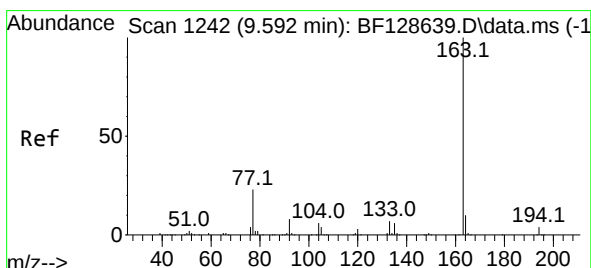
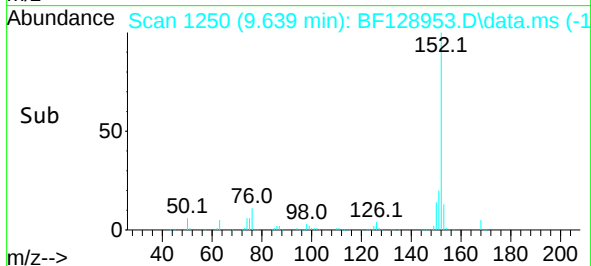
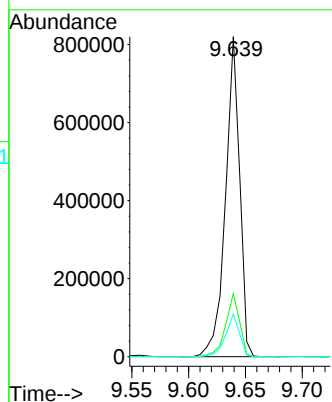
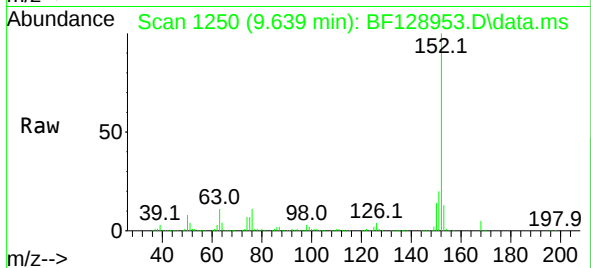
Tgt Ion:152 Resp: 712243

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 43.145 ng

RT: 9.510 min Scan# 1228

Delta R.T. 0.012 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

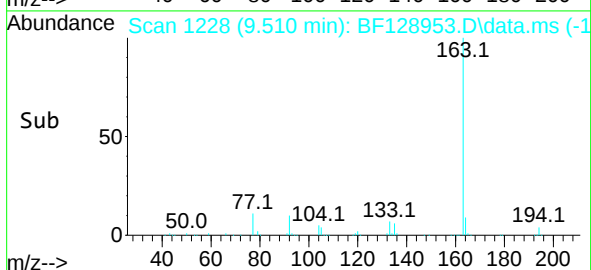
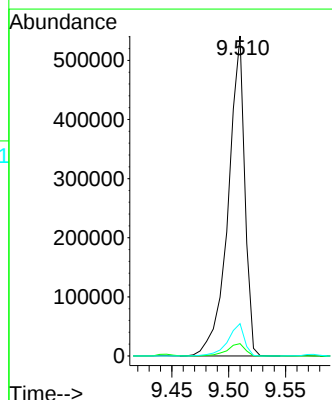
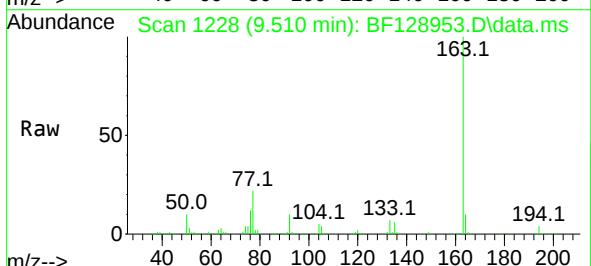
Tgt Ion:163 Resp: 548447

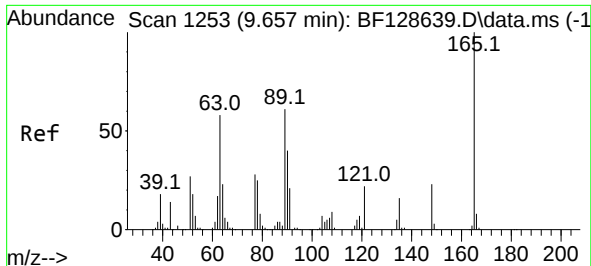
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.709 ng

RT: 9.575 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB145651BS

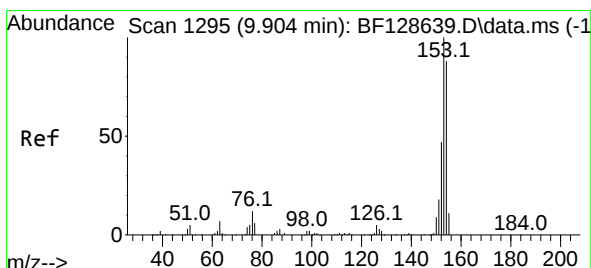
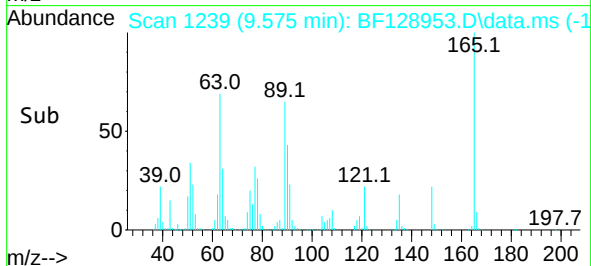
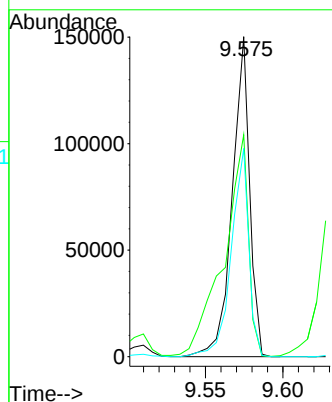
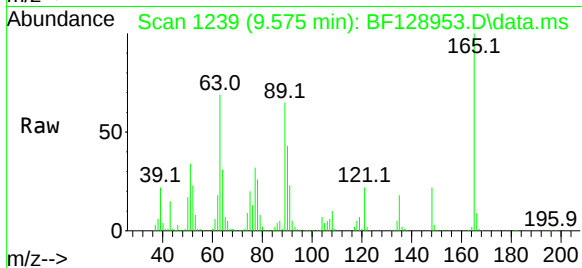
Tgt Ion:165 Resp: 117189

Ion Ratio Lower Upper

165 100

63 69.3 44.9 67.3#

89 65.0 43.6 65.4



#52

Acenaphthene

Concen: 38.468 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.006 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

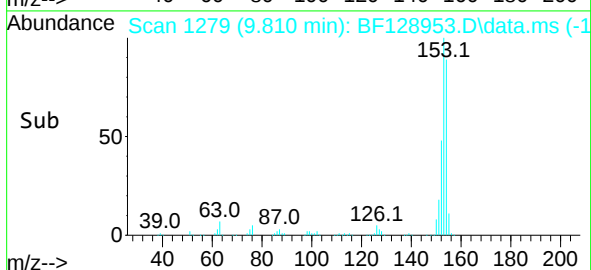
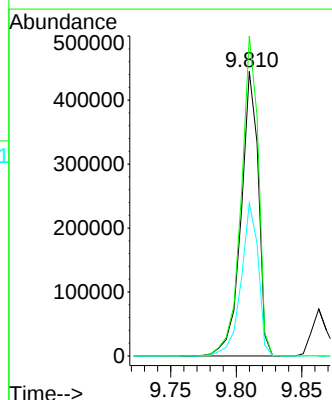
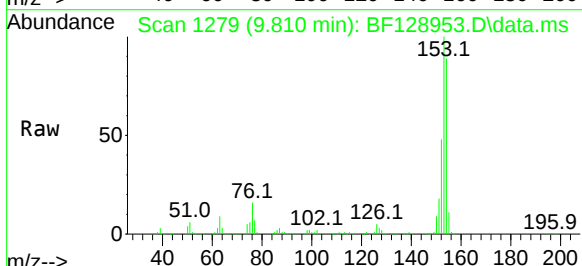
Tgt Ion:154 Resp: 407773

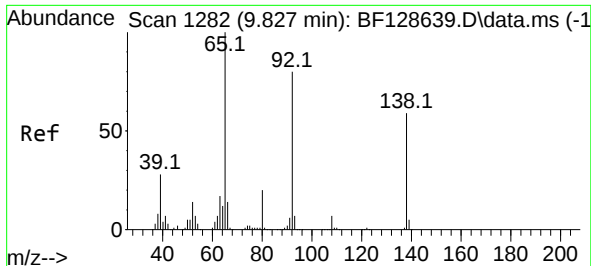
Ion Ratio Lower Upper

154 100

153 112.5 89.6 134.4

152 53.8 42.4 63.6

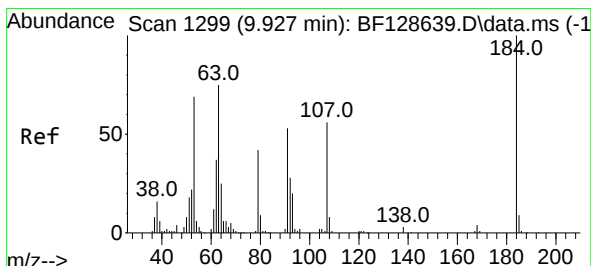
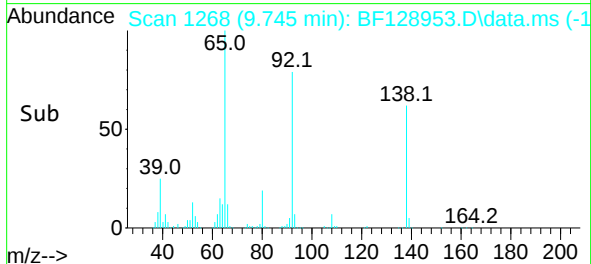
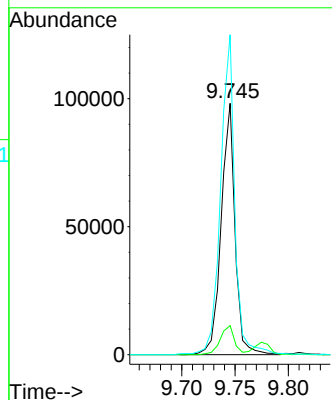
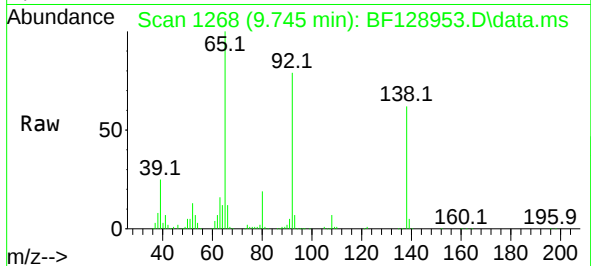




#53
3-Nitroaniline
Concen: 32.532 ng
RT: 9.745 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

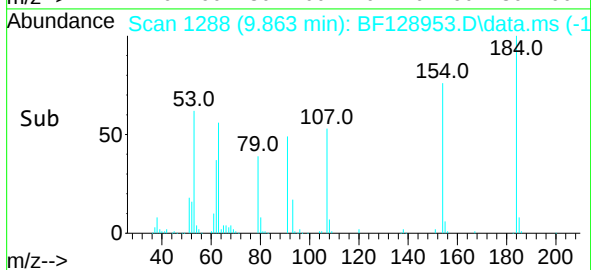
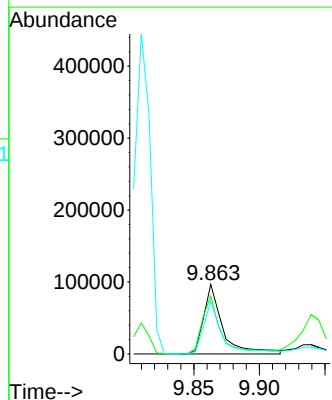
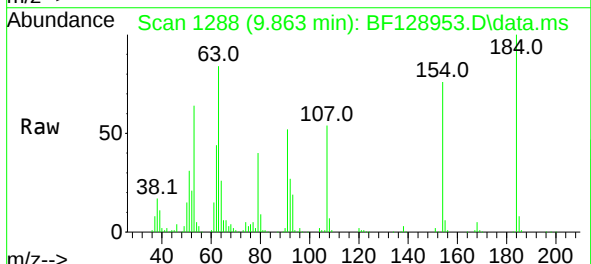
Instrument :
BNA_F
ClientSampleId :
PB145651BS

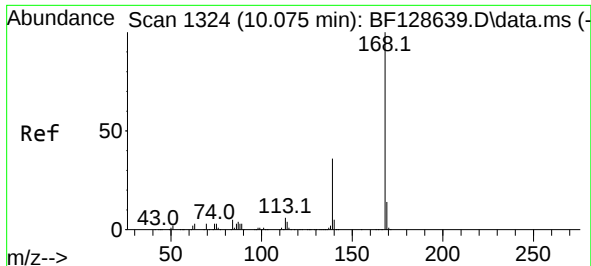
Tgt Ion:138 Resp: 88584
Ion Ratio Lower Upper
138 100
108 11.6 10.9 16.3
92 127.3 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 69.917 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:184 Resp: 97705
Ion Ratio Lower Upper
184 100
63 83.6 64.5 96.7
154 76.0 50.6 75.8#

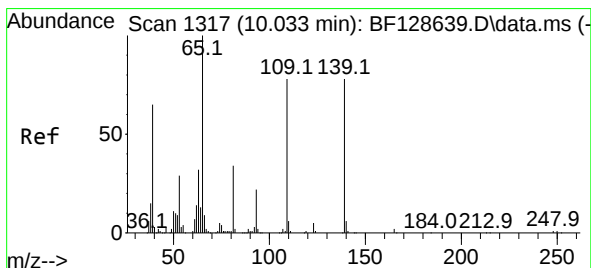
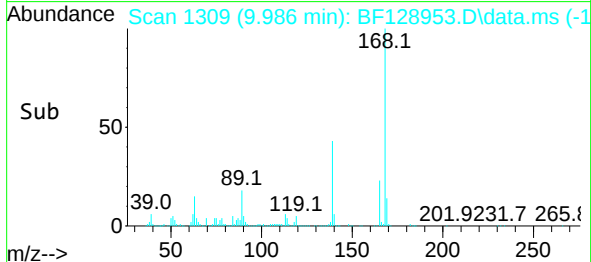
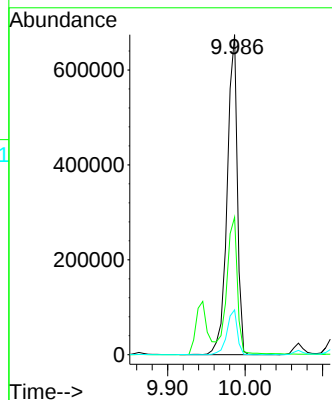
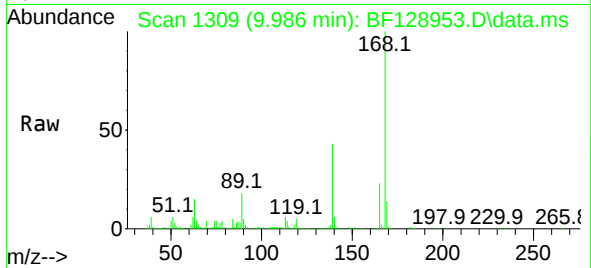




#55
Dibenzenofuran
Concen: 40.524 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

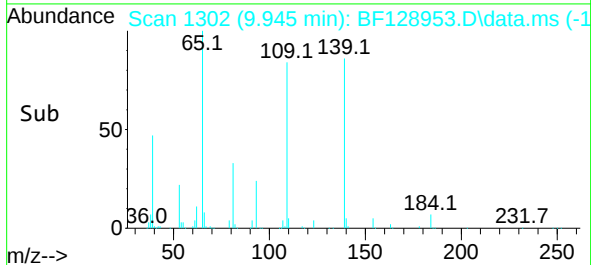
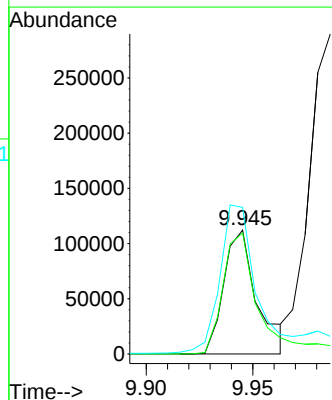
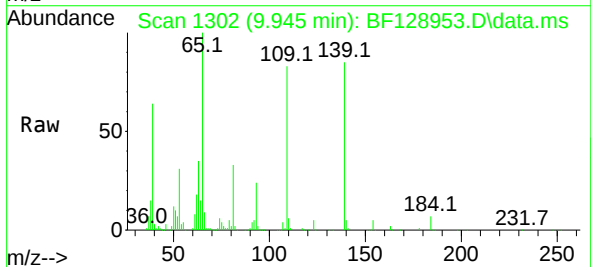
Instrument :
BNA_F
ClientSampleId :
PB145651BS

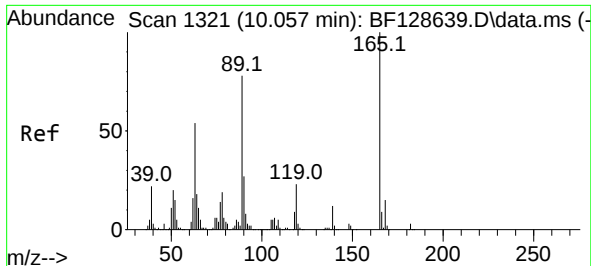
Tgt Ion:168 Resp: 617362
Ion Ratio Lower Upper
168 100
139 43.0 30.6 46.0
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 61.447 ng
RT: 9.945 min Scan# 1302
Delta R.T. 0.018 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:139 Resp: 121284
Ion Ratio Lower Upper
139 100
109 97.8 50.7 90.7#
65 118.3 74.5 114.5#

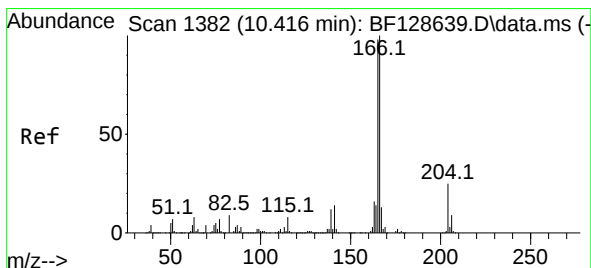
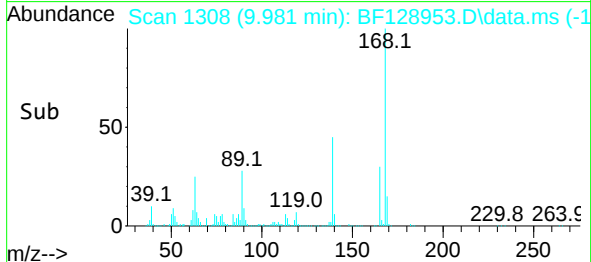
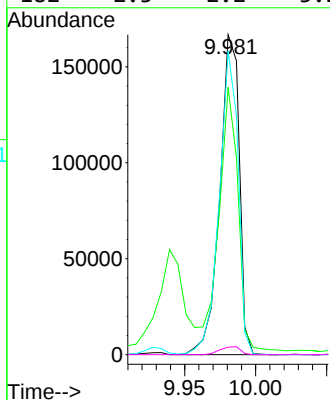
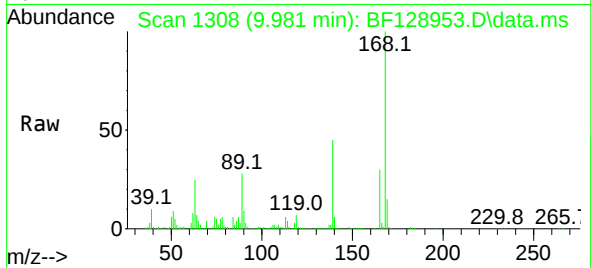




#57
2,4-Dinitrotoluene
Concen: 47.688 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

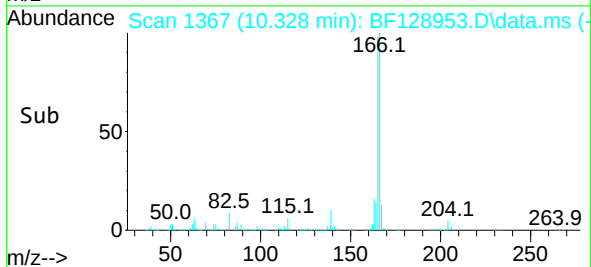
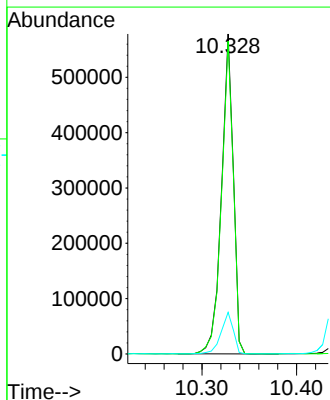
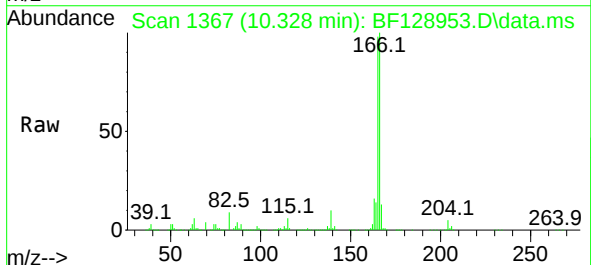
Instrument :
BNA_F
ClientSampleId :
PB145651BS

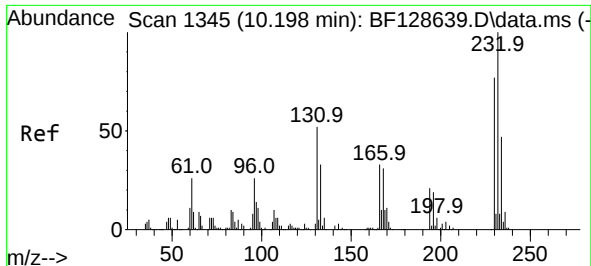
Tgt Ion:165 Resp: 159673
Ion Ratio Lower Upper
165 100
63 83.5 39.8 59.6#
89 95.0 60.2 90.2#
182 2.3 2.2 3.2



#58
Fluorene
Concen: 42.561 ng
RT: 10.328 min Scan# 1367
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

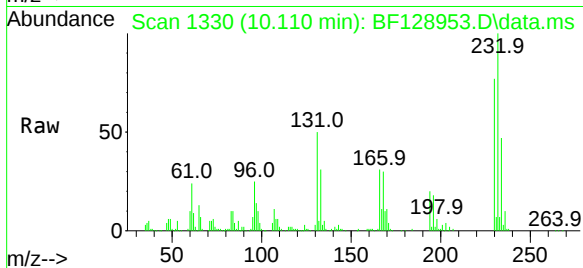
Tgt Ion:166 Resp: 502840
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.0 10.5 15.7



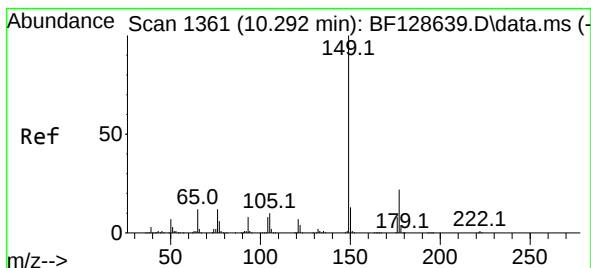
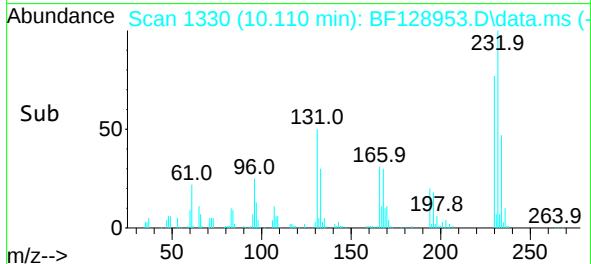
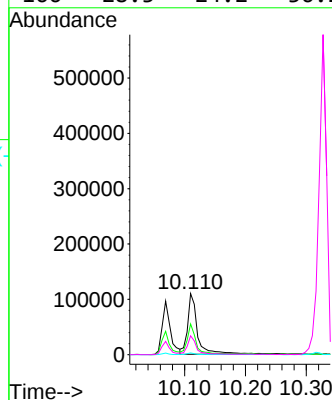


#59
2,3,4,6-Tetrachlorophenol
Concen: 36.910 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Instrument :
BNA_F
ClientSampleId :
PB145651BS

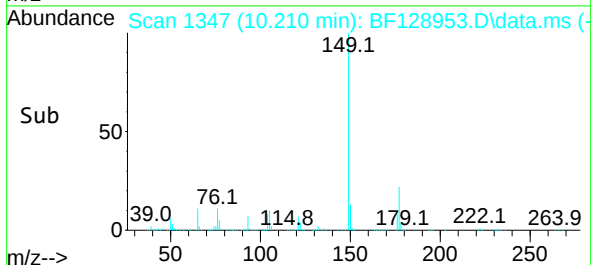
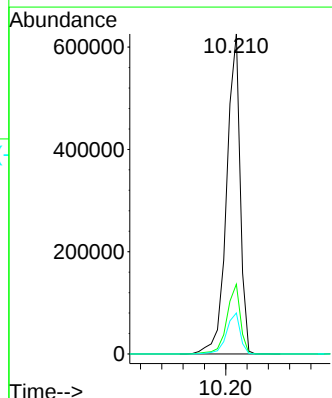
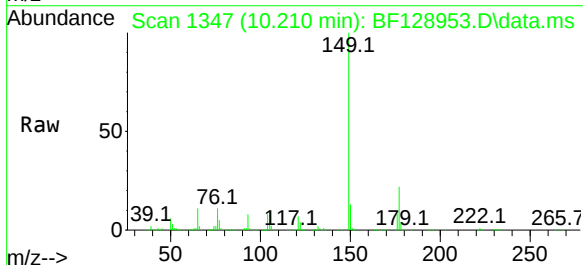


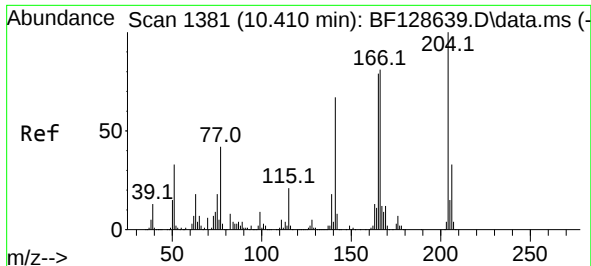
Tgt Ion:232 Resp: 122885
Ion Ratio Lower Upper
232 100
131 45.9 36.1 54.1
130 2.4 1.8 2.8
166 28.3 24.2 36.2



#60
Diethylphthalate
Concen: 42.792 ng
RT: 10.210 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:149 Resp: 546708
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 12.8 10.2 15.2

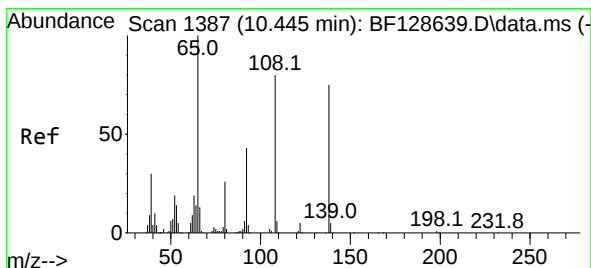
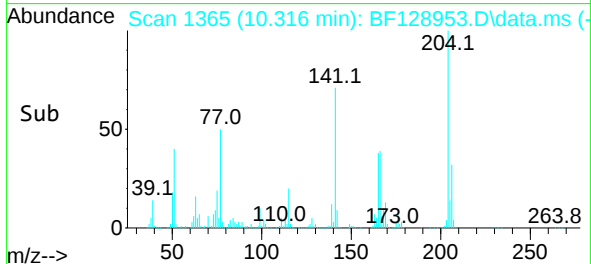
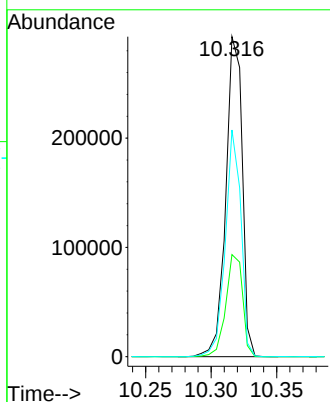
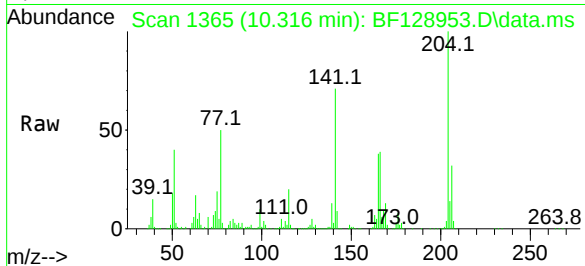




#61
4-Chlorophenyl-phenylether
Concen: 41.581 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

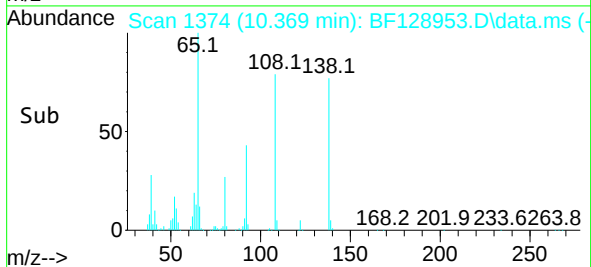
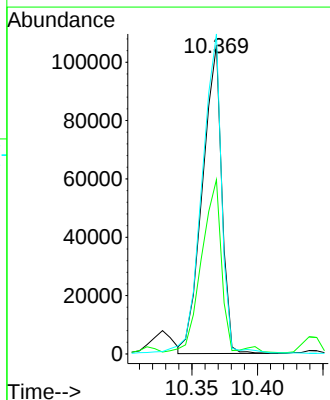
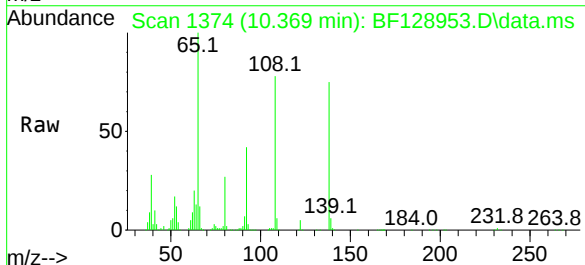
Instrument :
BNA_F
ClientSampleId :
PB145651BS

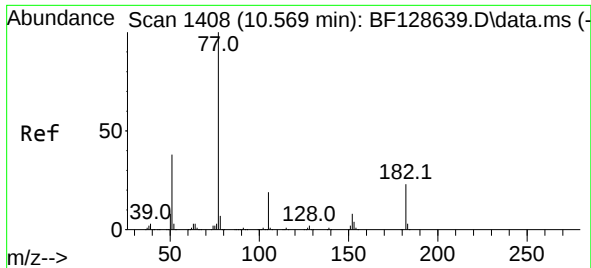
Tgt Ion:204 Resp: 254808
Ion Ratio Lower Upper
204 100
206 31.9 25.8 38.6
141 70.8 47.0 70.4#



#62
4-Nitroaniline
Concen: 39.286 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:138 Resp: 108312
Ion Ratio Lower Upper
138 100
92 56.4 33.5 73.5
108 103.5 61.0 101.0#

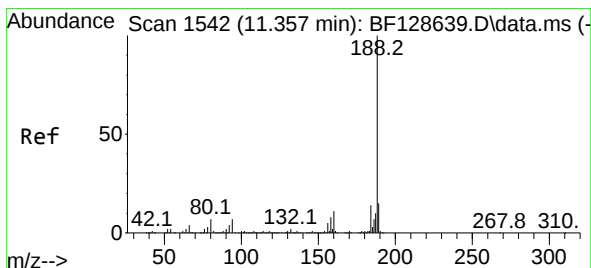
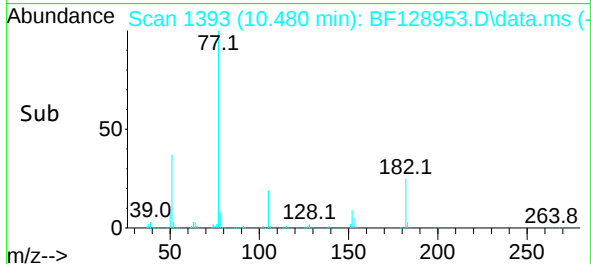
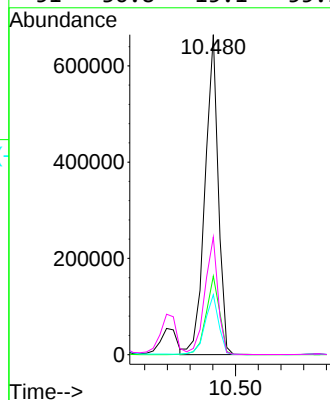
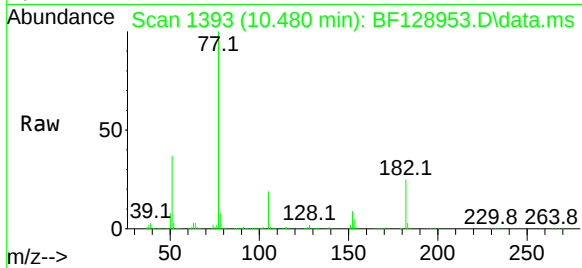




#63
Azobenzene
Concen: 42.700 ng
RT: 10.480 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

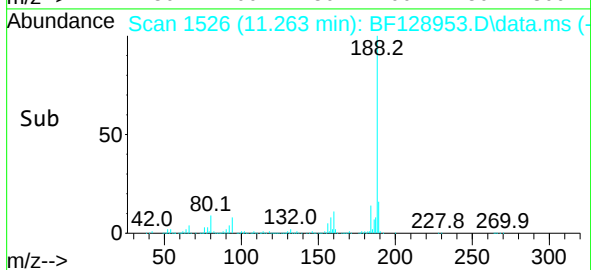
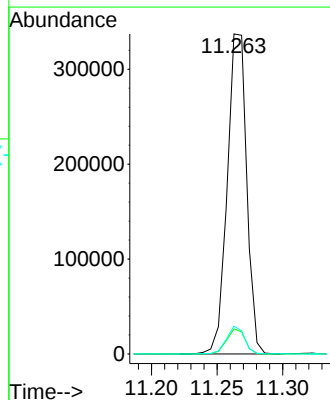
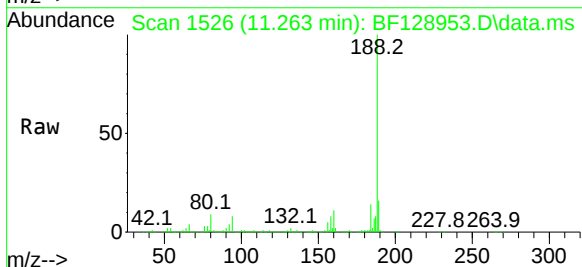
Instrument :
BNA_F
ClientSampleId :
PB145651BS

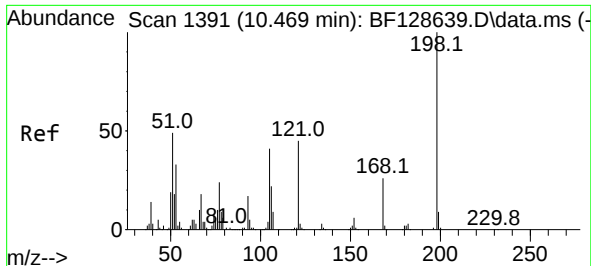
Tgt Ion: 77	Resp: 537058
Ion Ratio	Lower Upper
77 100	
182 24.5	5.6 45.6
105 18.8	1.6 41.6
51 36.8	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1526
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:188	Resp: 348207		
Ion Ratio	Lower	Upper	
188 100			
94 7.9	7.0	10.6	
80 8.7	7.6	11.4	

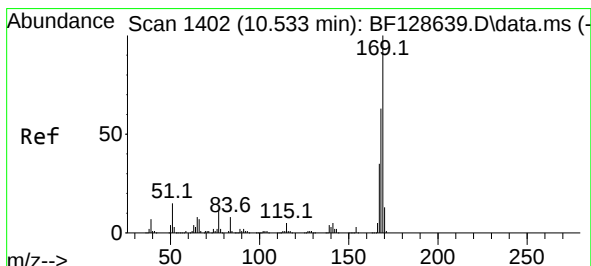
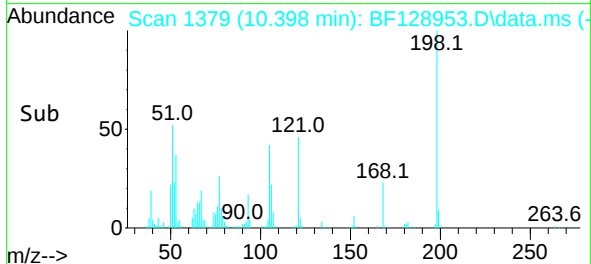
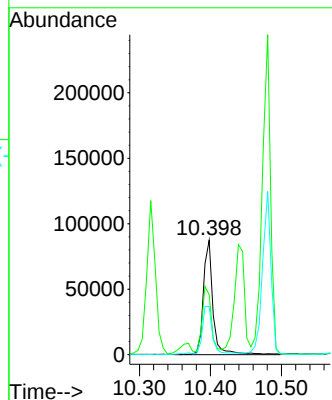
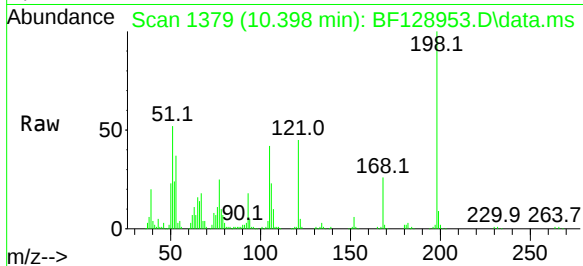




#65
4,6-Dinitro-2-methylphenol
Concen: 40.232 ng
RT: 10.398 min Scan# 1379
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

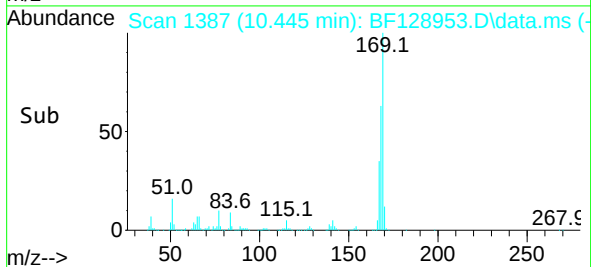
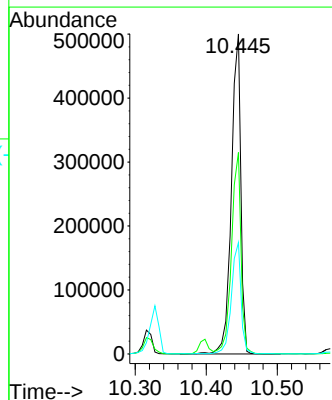
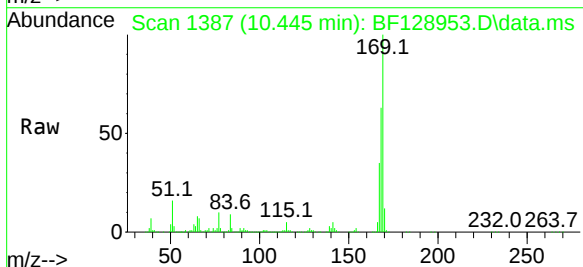
Instrument :
BNA_F
ClientSampleId :
PB145651BS

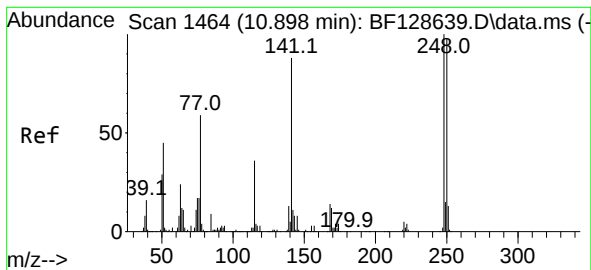
Tgt Ion:198 Resp: 82674
Ion Ratio Lower Upper
198 100
51 52.4 37.6 77.6
105 42.1 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 43.237 ng
RT: 10.445 min Scan# 1387
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:169 Resp: 462747
Ion Ratio Lower Upper
169 100
168 63.0 50.1 75.1
167 34.8 27.9 41.9

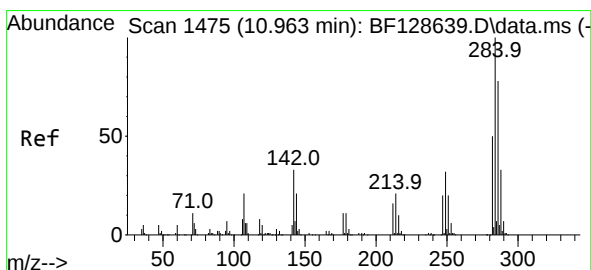
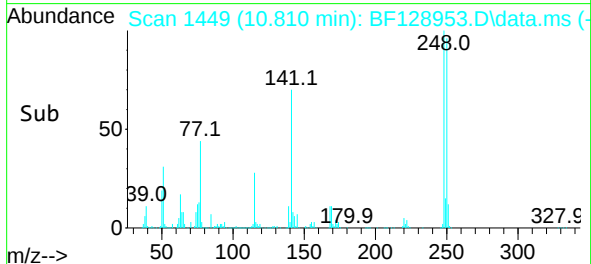
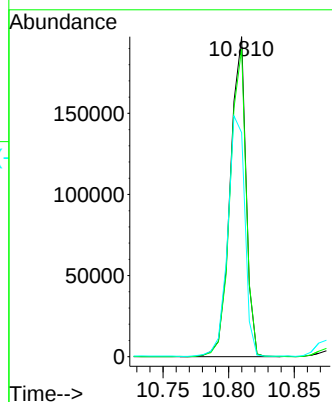
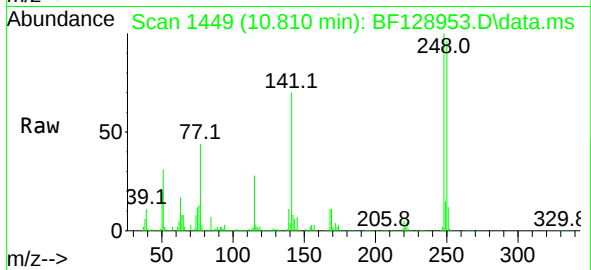




#67
4-Bromophenyl-phenylether
Concen: 42.531 ng
RT: 10.810 min Scan# 1449
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

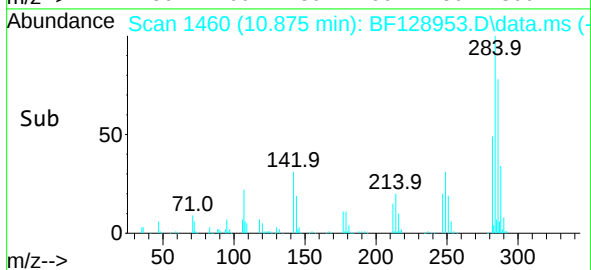
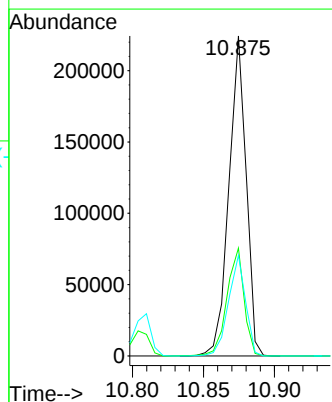
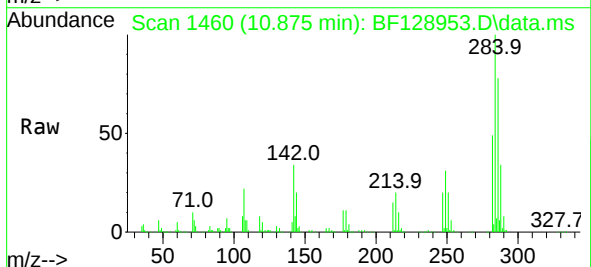
Instrument :
BNA_F
ClientSampleId :
PB145651BS

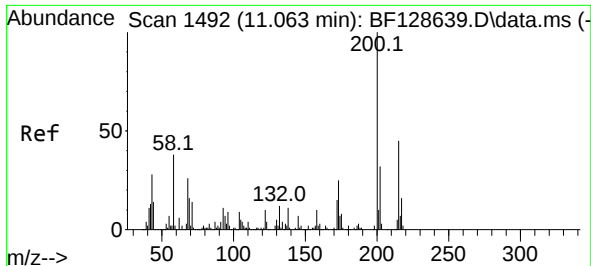
Tgt Ion:248 Resp: 165154
Ion Ratio Lower Upper
248 100
250 96.2 80.6 120.8
141 70.0 58.9 88.3



#68
Hexachlorobenzene
Concen: 43.754 ng
RT: 10.875 min Scan# 1460
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:284 Resp: 188690
Ion Ratio Lower Upper
284 100
142 33.7 29.0 43.4
249 31.4 25.0 37.6

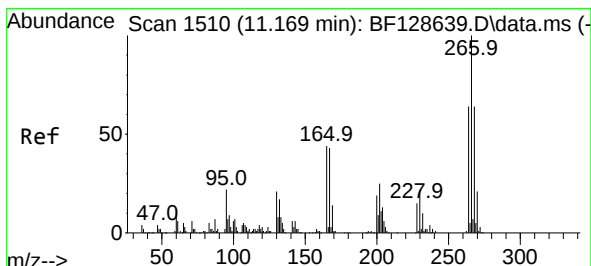
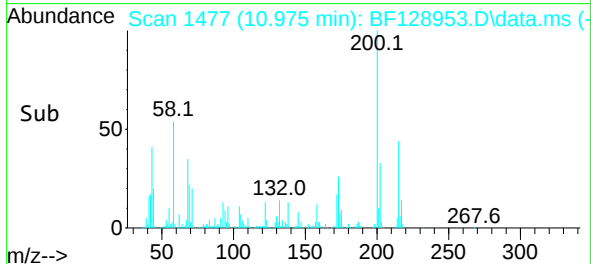
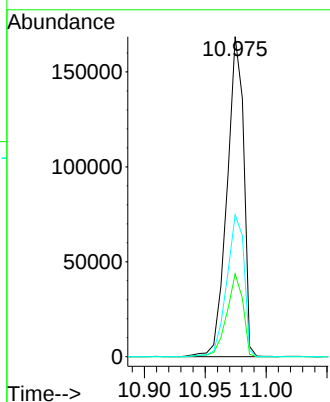
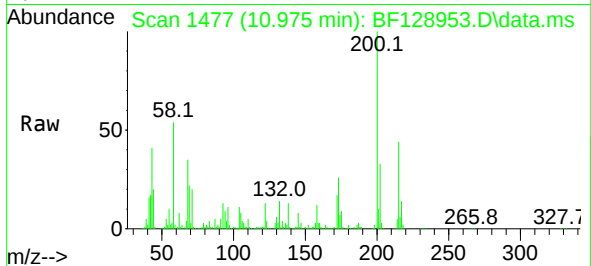




#69
Atrazine
Concen: 46.729 ng
RT: 10.975 min Scan# 1492
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

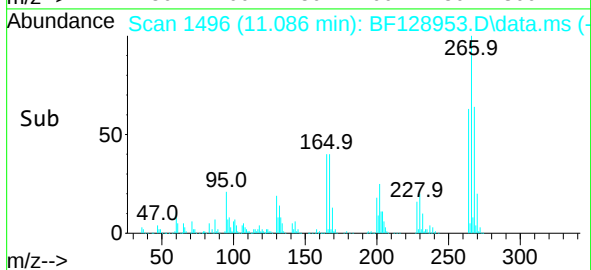
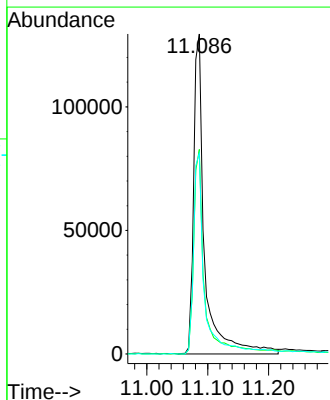
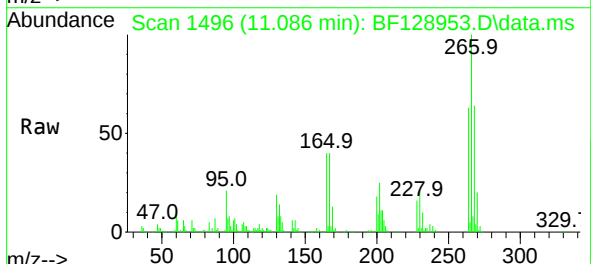
Instrument :
BNA_F
ClientSampleId :
PB145651BS

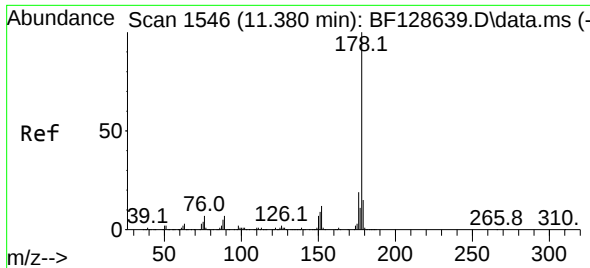
Tgt Ion:200 Resp: 160832
Ion Ratio Lower Upper
200 100
173 25.9 6.3 46.3
215 44.4 28.3 68.3



#70
Pentachlorophenol
Concen: 75.929 ng
RT: 11.086 min Scan# 1496
Delta R.T. 0.018 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:266 Resp: 163451
Ion Ratio Lower Upper
266 100
268 63.9 51.0 76.4
264 62.8 49.4 74.2

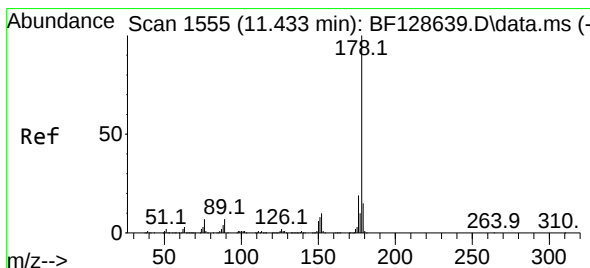
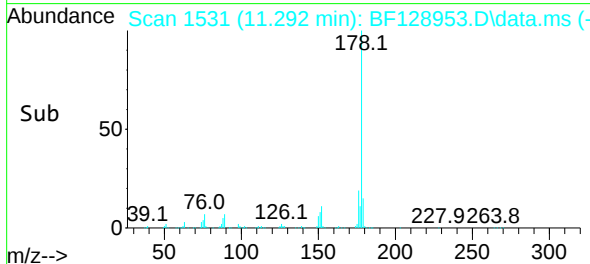
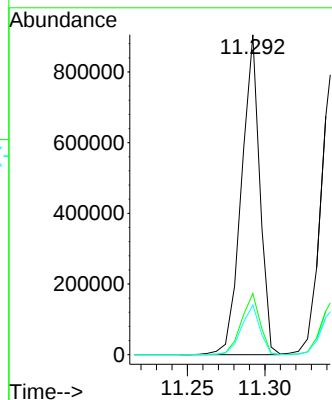
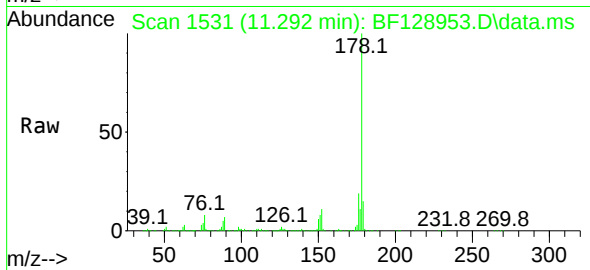




#71
Phenanthrene
Concen: 42.591 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

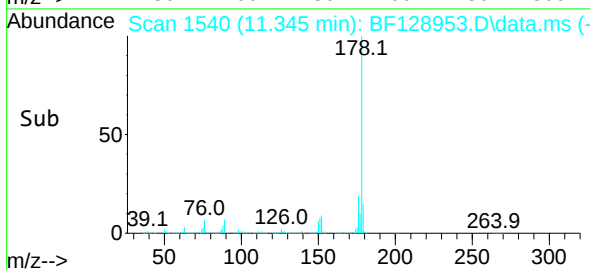
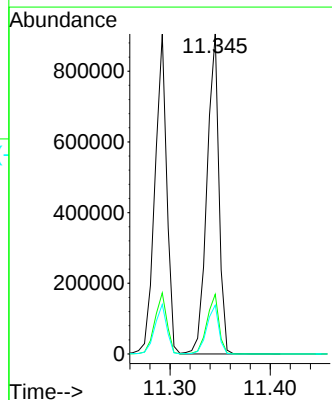
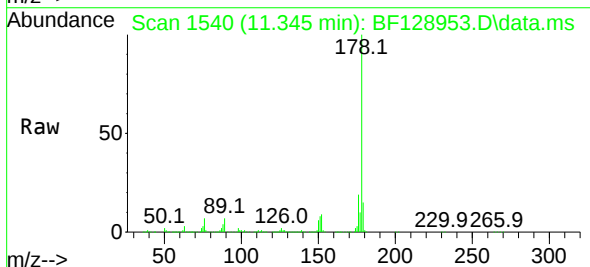
Instrument :
BNA_F
ClientSampleId :
PB145651BS

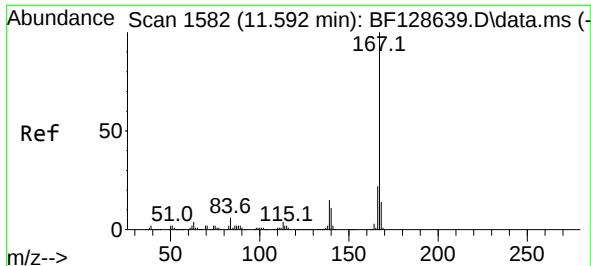
Tgt Ion:178 Resp: 743865
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.5 12.6 19.0



#72
Anthracene
Concen: 43.663 ng
RT: 11.345 min Scan# 1540
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:178 Resp: 754794
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.2 12.6 19.0

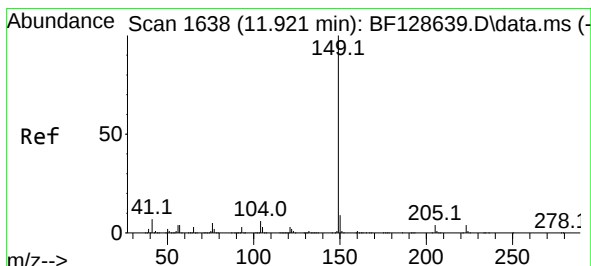
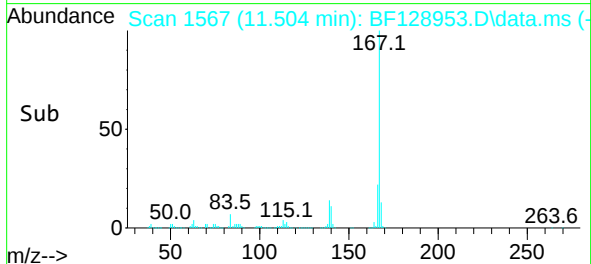
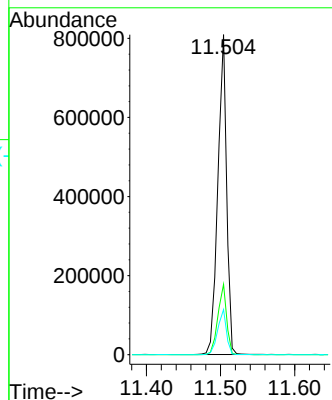
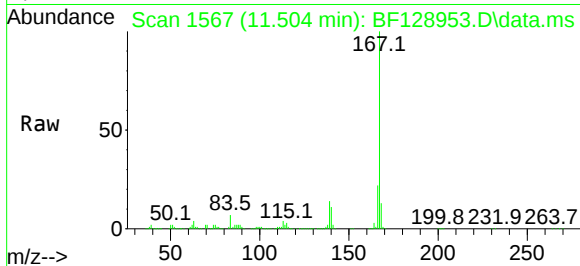




#73
Carbazole
Concen: 41.281 ng
RT: 11.504 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

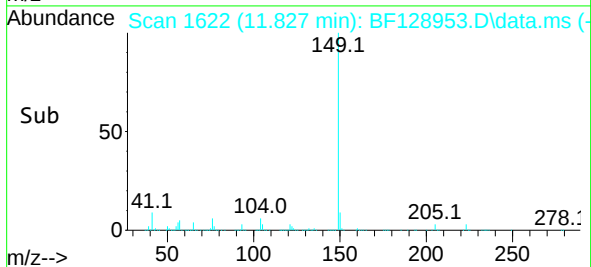
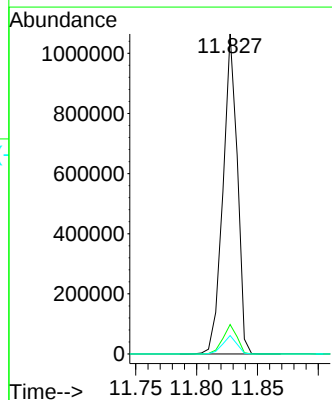
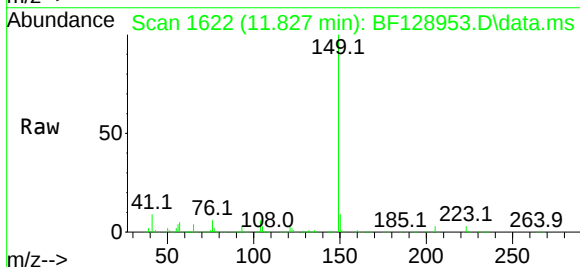
Instrument :
BNA_F
ClientSampleId :
PB145651BS

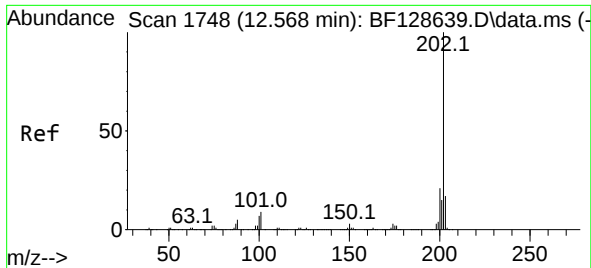
Tgt Ion:167 Resp: 662813
Ion Ratio Lower Upper
167 100
166 22.0 17.7 26.5
139 14.1 11.2 16.8



#74
Di-n-butylphthalate
Concen: 44.714 ng
RT: 11.827 min Scan# 1622
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:149 Resp: 874117
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.7 4.4 6.6

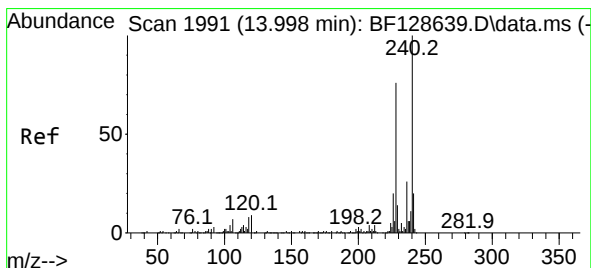
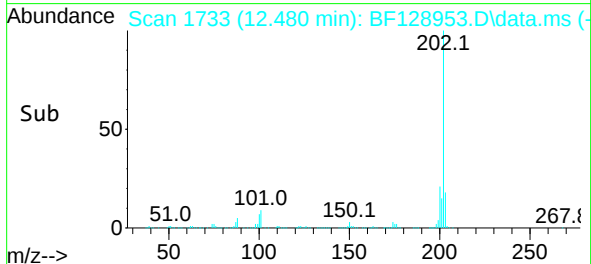
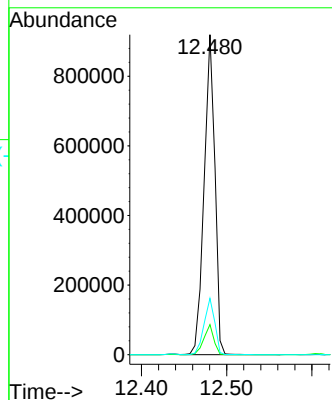
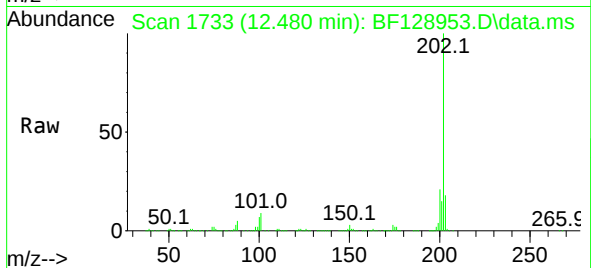




#75
Fluoranthene
Concen: 44.047 ng
RT: 12.480 min Scan# 1733
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

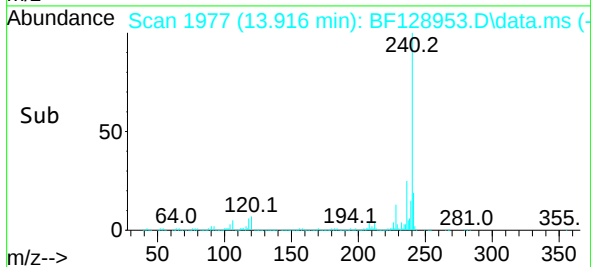
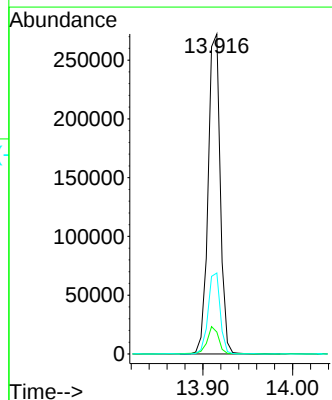
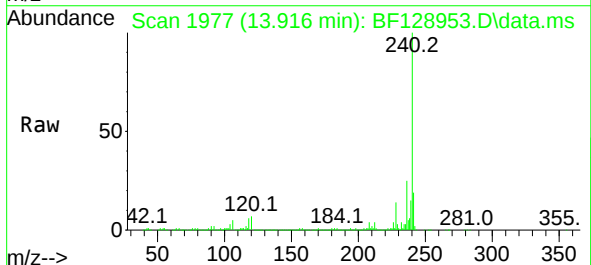
Instrument :
BNA_F
ClientSampleId :
PB145651BS

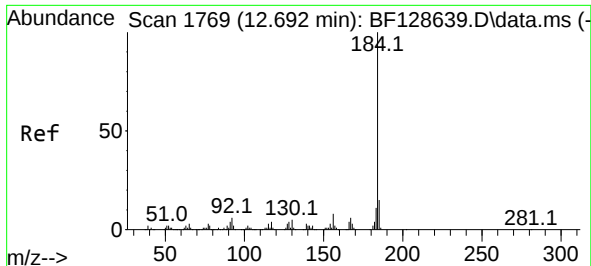
Tgt Ion:202 Resp: 804142
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.4
203 17.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1977
Delta R.T. 0.018 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:240 Resp: 255129
Ion Ratio Lower Upper
240 100
120 6.9 8.9 13.3#
236 25.3 20.8 31.2

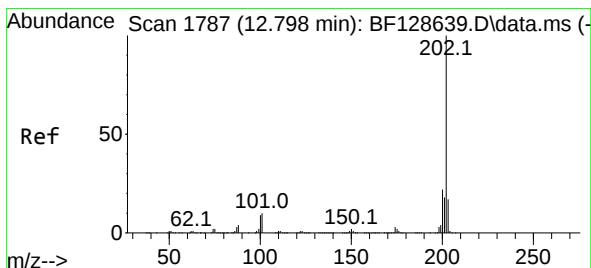
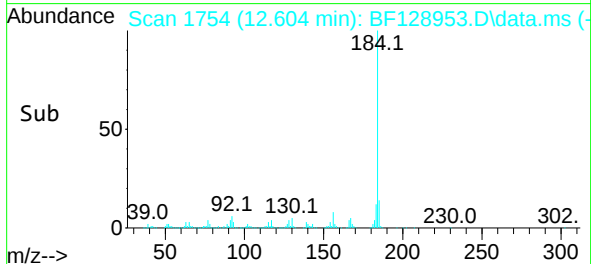
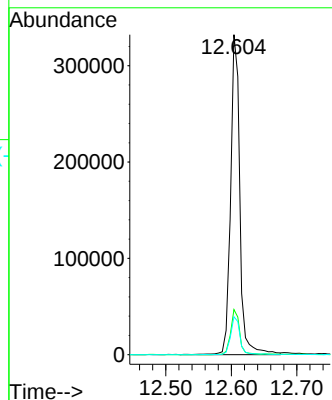
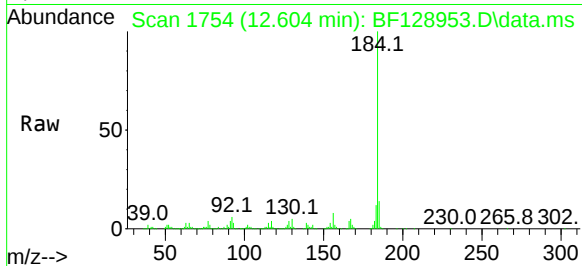




#77
Benzidine
Concen: 63.785 ng
RT: 12.604 min Scan# 1772
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

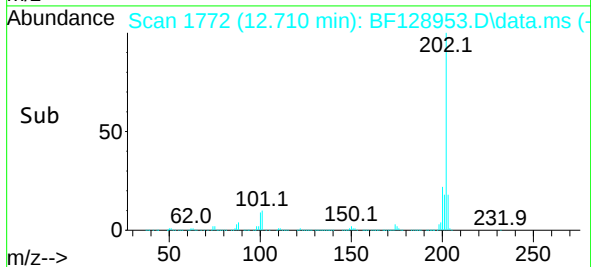
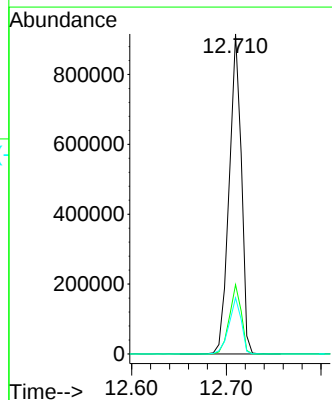
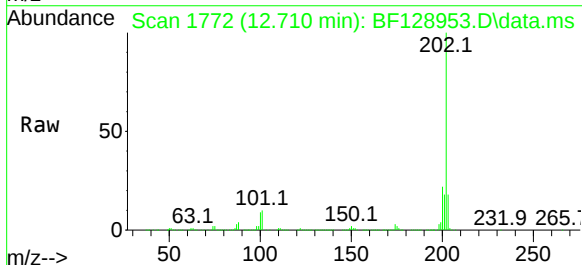
Instrument :
BNA_F
ClientSampleId :
PB145651BS

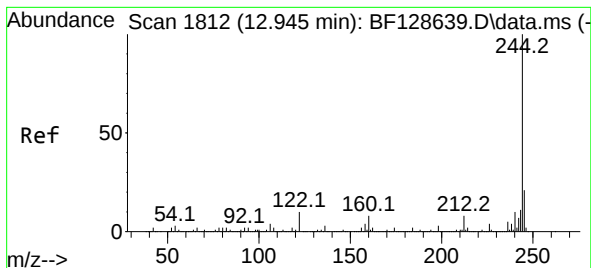
Tgt Ion:184 Resp: 324404
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 11.8 9.3 13.9



#78
Pyrene
Concen: 43.059 ng
RT: 12.710 min Scan# 1772
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:202 Resp: 817327
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.5 14.6 21.8





#79

Terphenyl-d14

Concen: 83.283 ng

RT: 12.857 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB145651BS

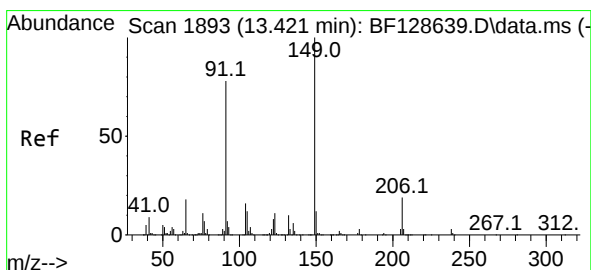
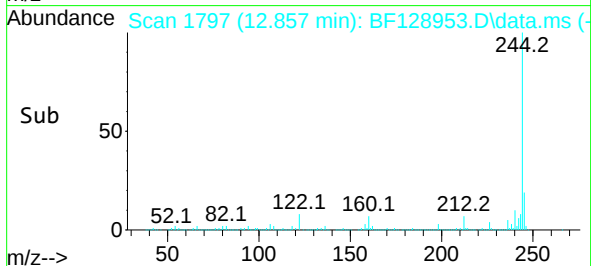
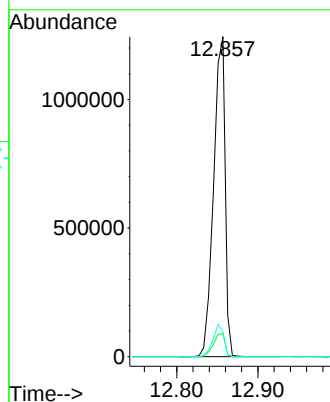
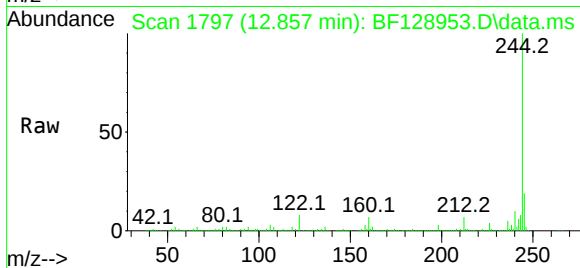
Tgt Ion:244 Resp: 1222812

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 7.9 8.8 13.2#



#80

Butylbenzylphthalate

Concen: 44.010 ng

RT: 13.327 min Scan# 1877

Delta R.T. 0.012 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

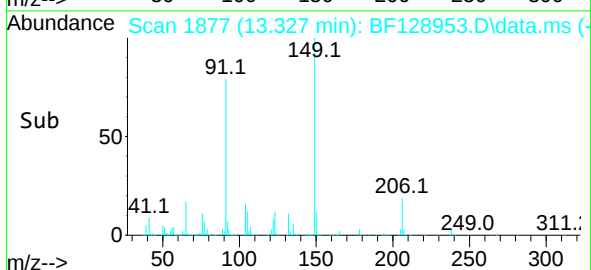
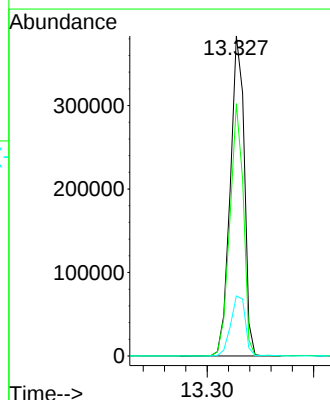
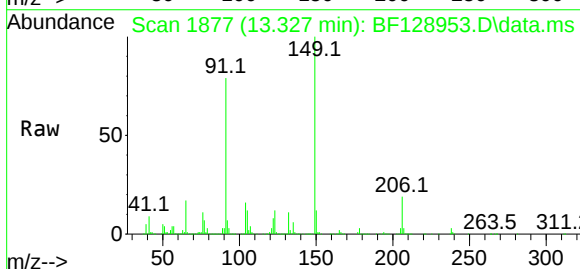
Tgt Ion:149 Resp: 350814

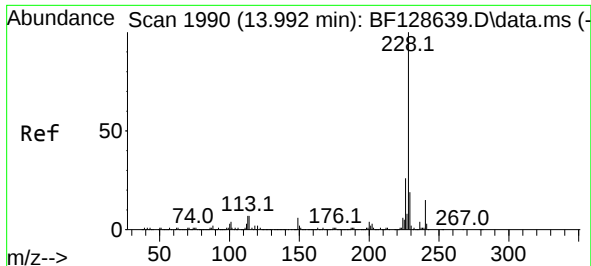
Ion Ratio Lower Upper

149 100

91 78.8 61.2 91.8

206 18.7 15.7 23.5

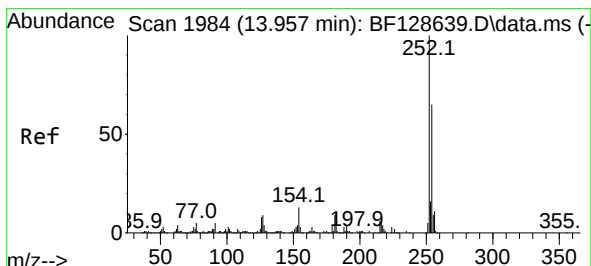
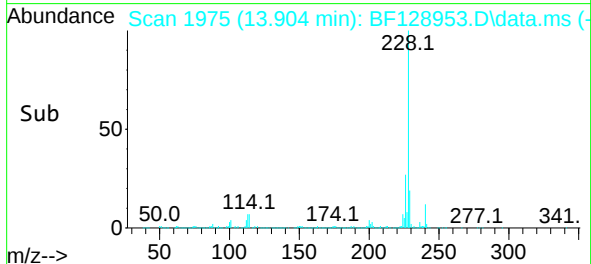
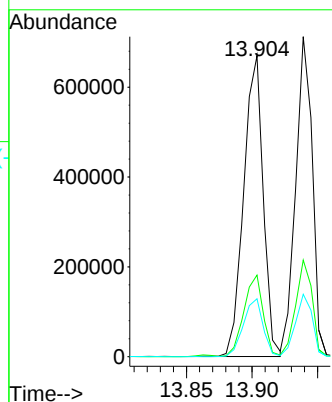
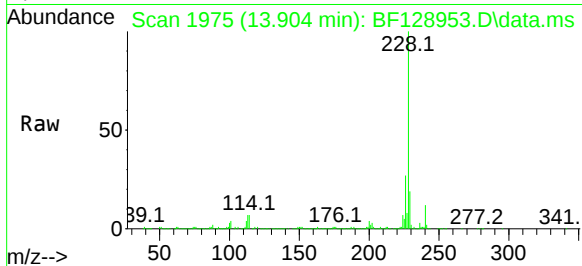




#81
Benzo(a)anthracene
Concen: 43.611 ng
RT: 13.904 min Scan# 1990
Delta R.T. 0.018 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

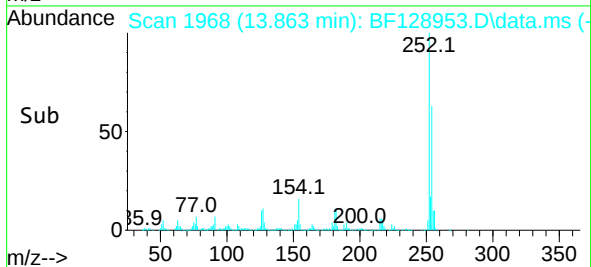
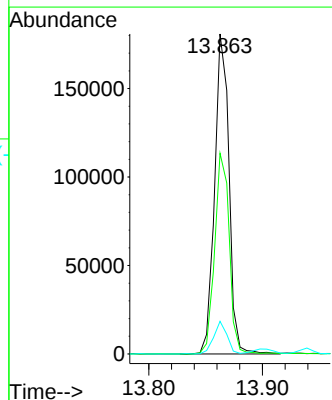
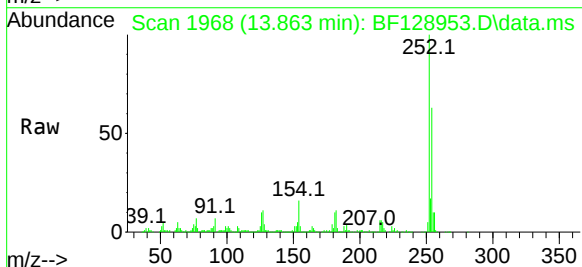
Instrument :
BNA_F
ClientSampleId :
PB145651BS

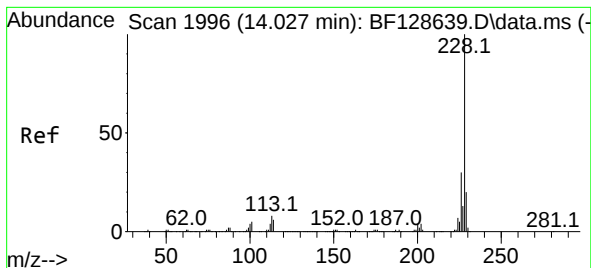
Tgt Ion:228 Resp: 693543
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 46.727 ng
RT: 13.863 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:252 Resp: 158979
Ion Ratio Lower Upper
252 100
254 62.7 50.2 75.4
126 10.2 8.2 12.4





#83

Chrysene

Concen: 41.414 ng

RT: 13.939 min Scan# 1996

Delta R.T. 0.012 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB145651BS

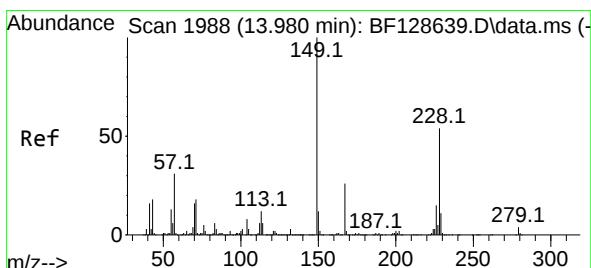
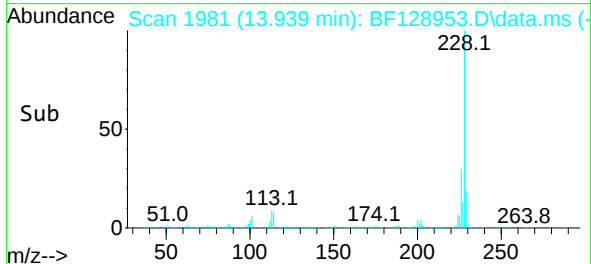
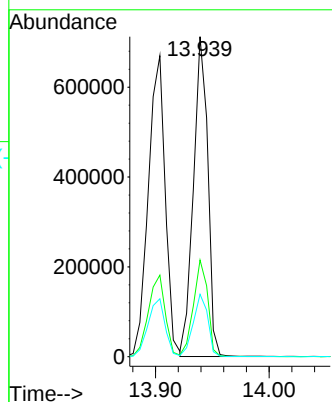
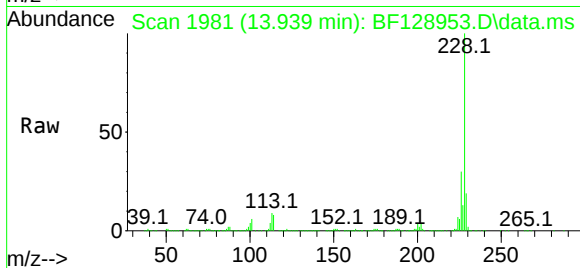
Tgt Ion:228 Resp: 627907

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.430 ng

RT: 13.886 min Scan# 1972

Delta R.T. 0.012 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

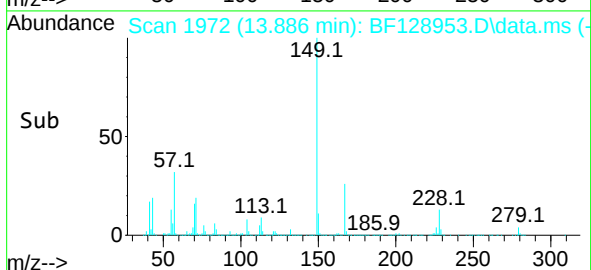
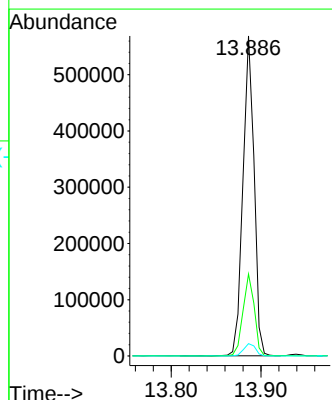
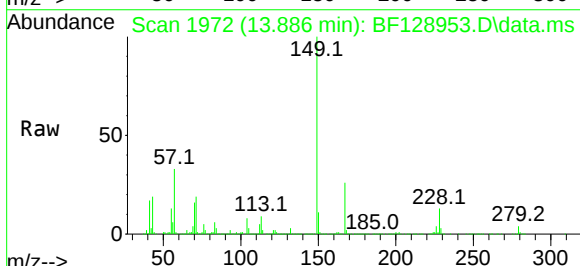
Tgt Ion:149 Resp: 491516

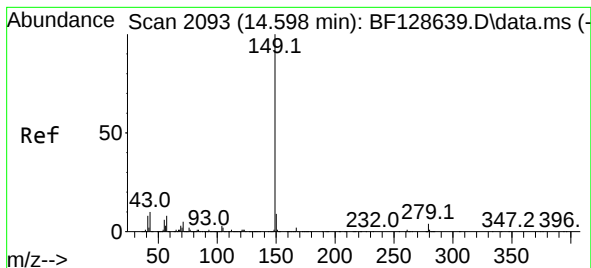
Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 48.800 ng

RT: 14.504 min Scan# 2093

Delta R.T. 0.018 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB145651BS

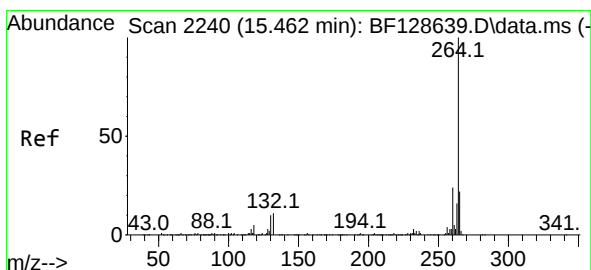
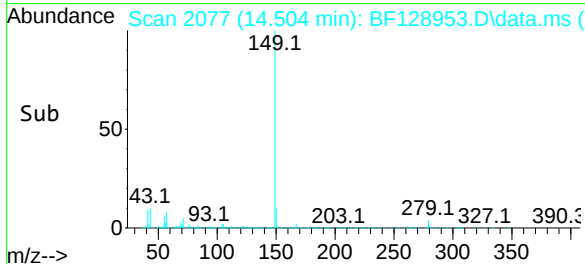
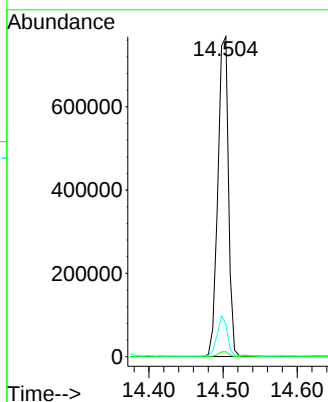
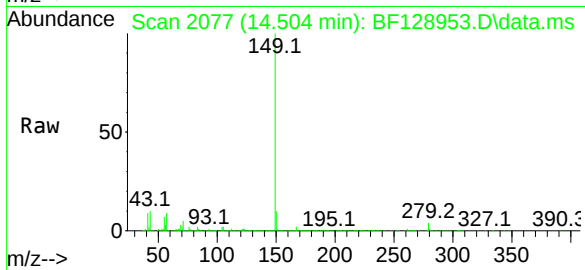
Tgt Ion:149 Resp: 761668

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.9 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 2221

Delta R.T. 0.024 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

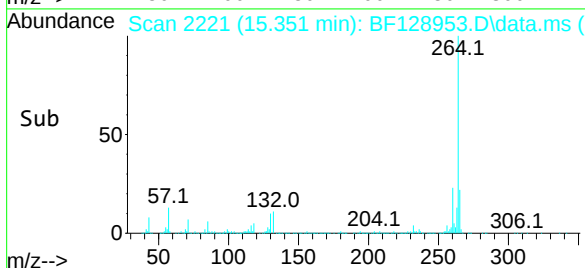
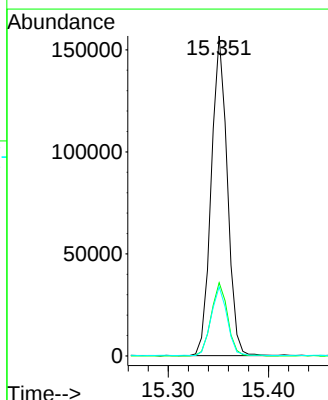
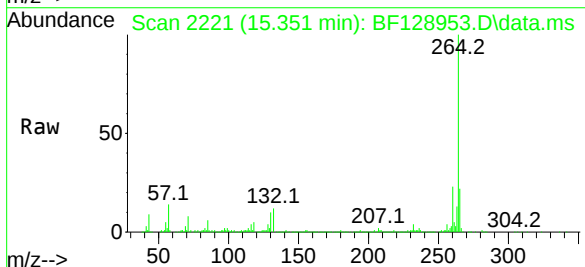
Tgt Ion:264 Resp: 174138

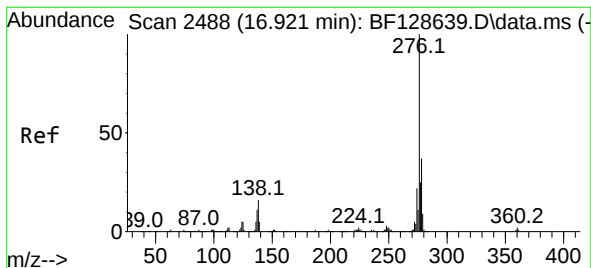
Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 21.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.996 ng

RT: 16.774 min Scan# 2488

Delta R.T. 0.029 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB145651BS

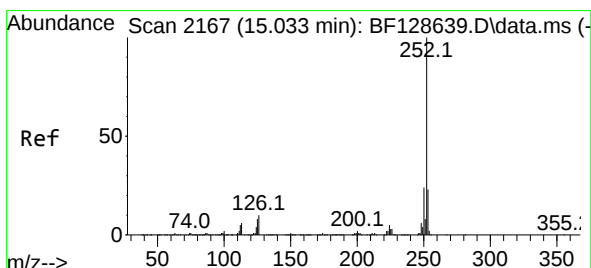
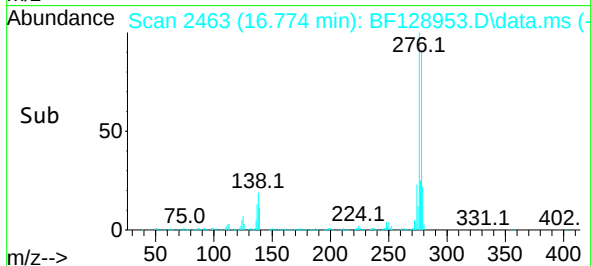
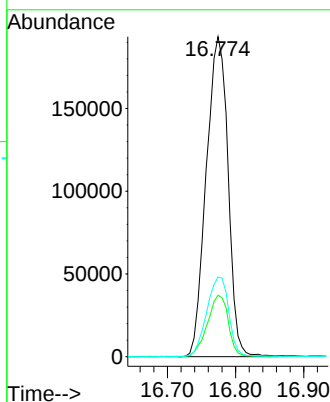
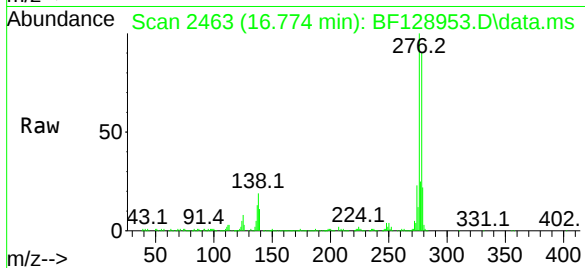
Tgt Ion:276 Resp: 430290

Ion Ratio Lower Upper

276 100

138 18.6 21.1 31.7#

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.288 ng

RT: 14.939 min Scan# 2151

Delta R.T. 0.018 min

Lab File: BF128953.D

Acq: 23 Jun 2022 14:29

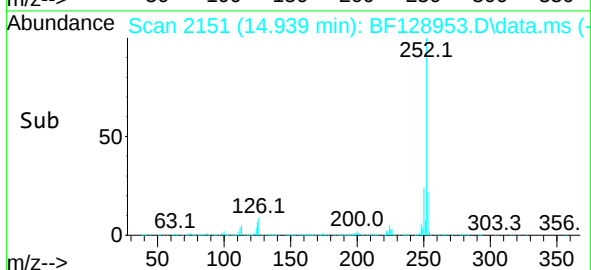
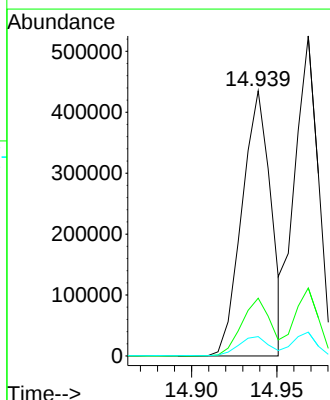
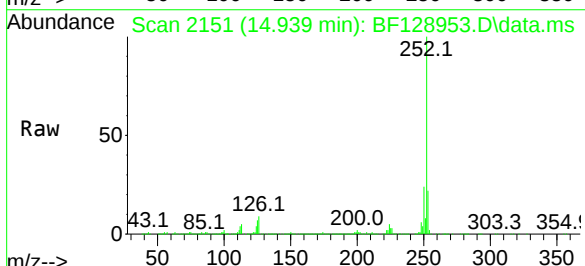
Tgt Ion:252 Resp: 515057

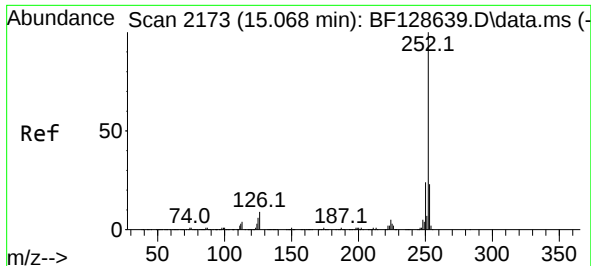
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 7.3 8.0 12.0#

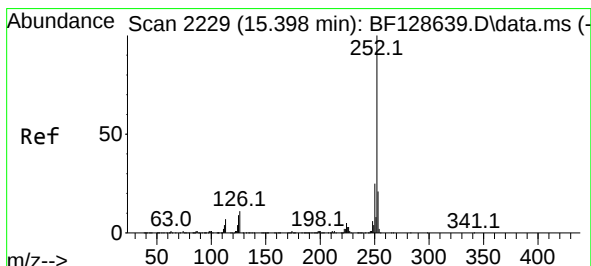
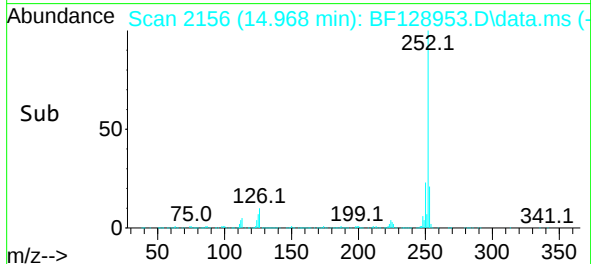
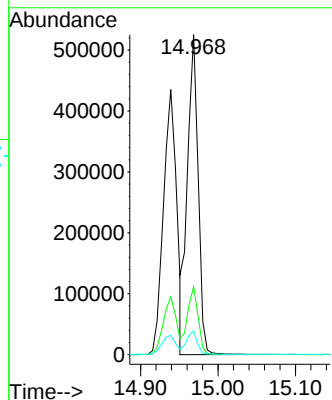
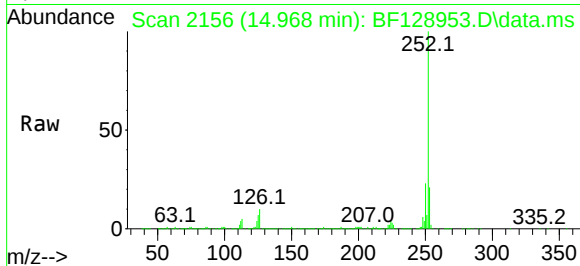




#89
Benzo(k)fluoranthene
Concen: 48.504 ng
RT: 14.968 min Scan# 2111
Delta R.T. 0.018 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

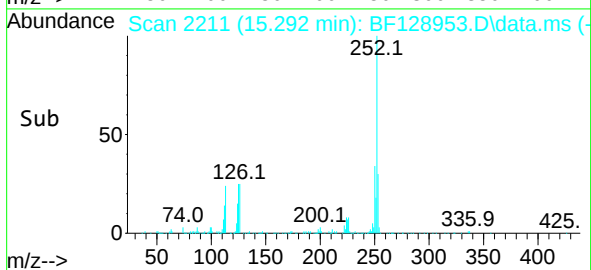
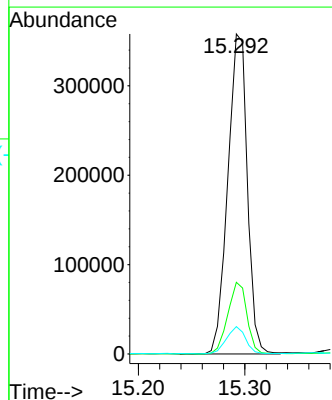
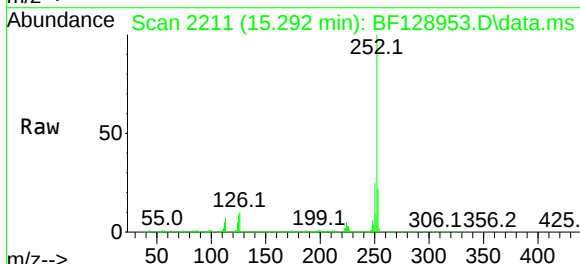
Instrument :
BNA_F
ClientSampleId :
PB145651BS

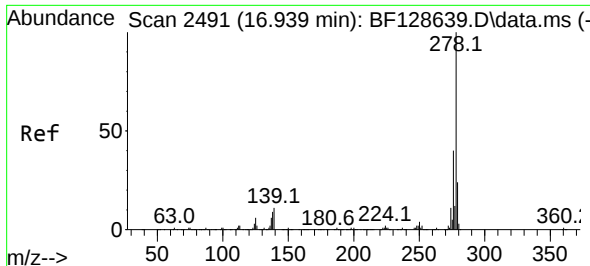
Tgt Ion:252 Resp: 507710
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.6
125 7.4 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 52.173 ng
RT: 15.292 min Scan# 2211
Delta R.T. 0.018 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:252 Resp: 456287
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 8.6 8.8 13.2#

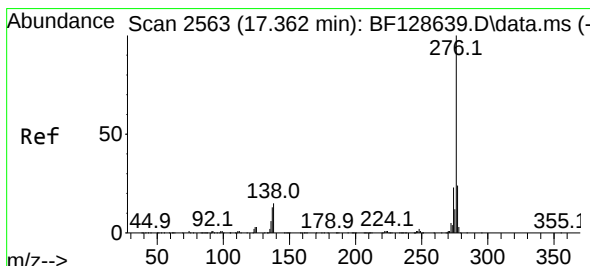
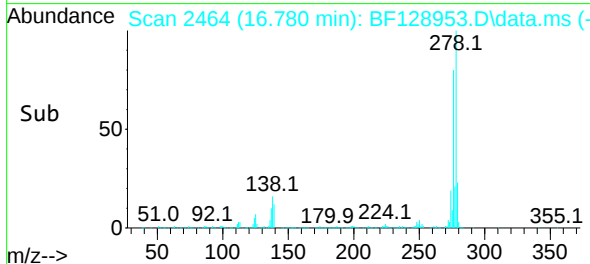
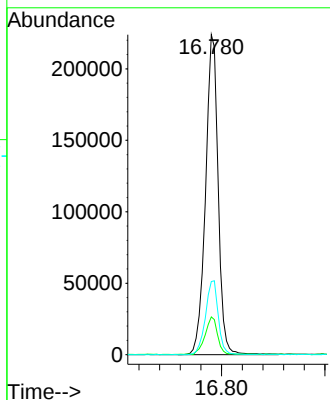
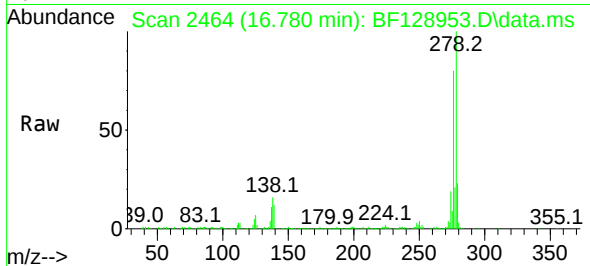




#91
Dibenzo(a,h)anthracene
Concen: 43.599 ng
RT: 16.780 min Scan# 2491
Delta R.T. 0.029 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Instrument :
BNA_F
ClientSampleId :
PB145651BS

Tgt Ion:278 Resp: 379570
Ion Ratio Lower Upper
278 100
139 11.8 12.8 19.2#
279 22.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.187 ng
RT: 17.204 min Scan# 2536
Delta R.T. 0.035 min
Lab File: BF128953.D
Acq: 23 Jun 2022 14:29

Tgt Ion:276 Resp: 372634
Ion Ratio Lower Upper
276 100
277 22.6 19.1 28.7
138 14.1 18.0 27.0#

